KELTY

1976

Questions and Answers P. 8

The Ancient Bristlecone Pine Trees P. 23

Backpackers Checklist P. 32

KELTY

We are pleased to present our 1976 Catalog.

Foremost in our minds while producing this book was that it be an educational tool. Not only do we want you to be able to refer to it for our products, but also use it as an aid to prepare for your wilderness adventures.

We hope that our Backpackers Checklist, the Question and Answer pages, and our reasons for using certain items will help you make the wisest choices in equipment.

WARRANTY

We take pride in our work and try to produce the best product possible. Therefore, we unconditionally warranty our product against defects in materials and workmanship. If, after inspection, we find the product to be defective it will be repaired or replaced at no charge and without delay. Since no product is indestructible, we cannot warranty against normal wear and tear, abuse or alteration.

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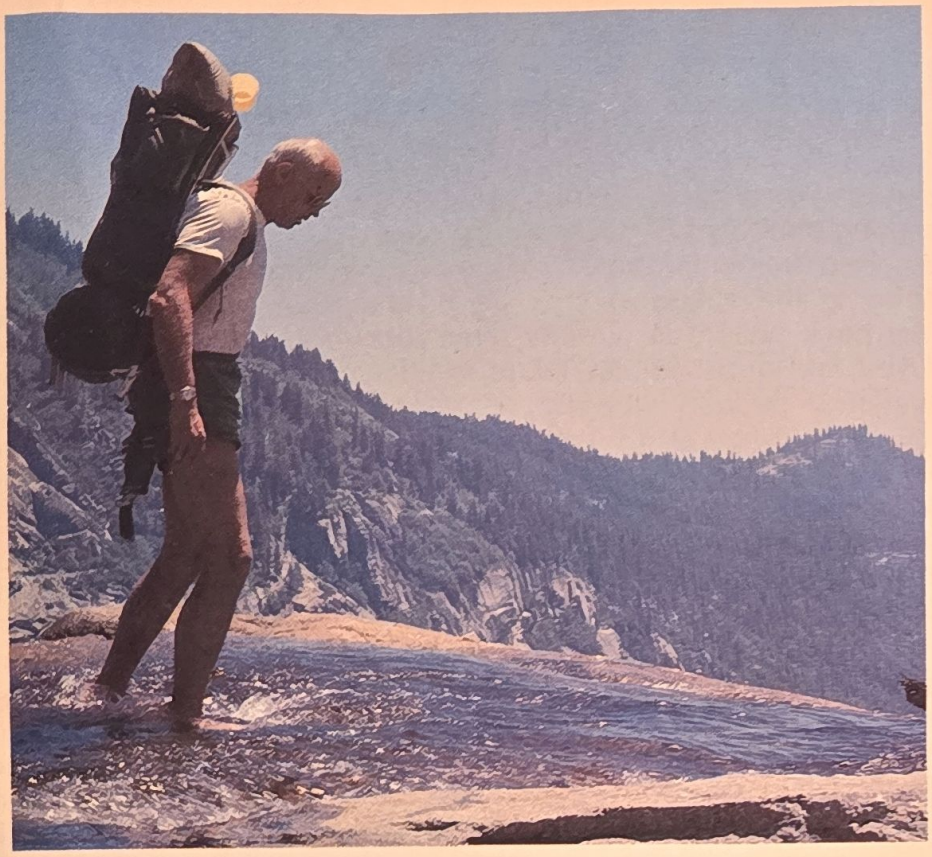
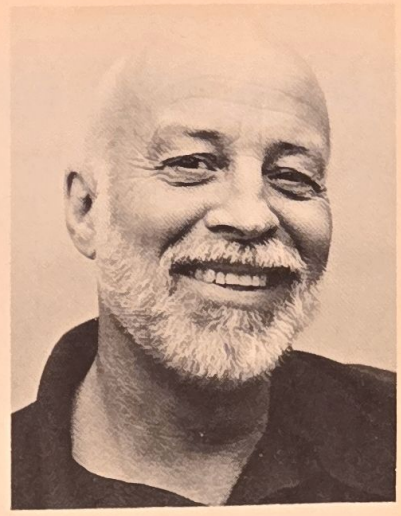
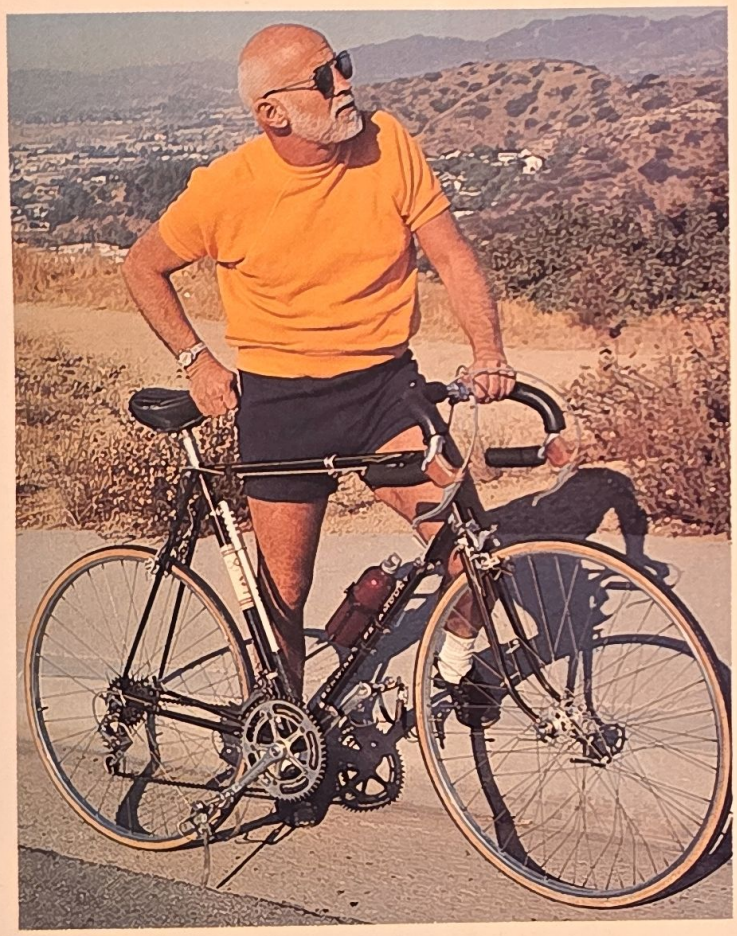
Front Cover: Tarns Knapsack Pass near Dusy Basin, 11,000 feet, Sierra Nevada
P. 16-17 Long Lake, Bishop Pass Area, Sierra Nevada
P. 29 Mt. Perkins Traverse , Sierra Nevada





WE'D LIKE YOU TO MEET DICK KELTY . . .



Because the Kelty Pack is a standard (if not a classic) in the backpacking world, we receive many inquiries about Dick Kelty. Questions come from various people wanting to know more about the man who played such an influential role in the improvement of backpacking equipment.

Dick developed his frame and pack in the early 1950's. He was one of the first designers, and later a manufacturer, to make his pack with lightweight materials. Lightweight aluminum tubing and durable nylon had not been used prior to the development of the Kelty Pack. Dick's design included the contouring of the frame to the back for better weight distribution, and a waist strap to make load carrying easier.

Just prior to the introduction of the Kelty Pack the most sophisticated backpack on the market was made of wood and canvas. Following the wood and canvas pack was a steel frame pack designed by the army for use in World War II. Both of these backpacks proved to be heavy and uncomfortable for enjoyable recreational backpacking.

To this day, a quarter century after his first backpacks were manufactured in his garage, Dick Kelty gets a sense of personal satisfaction from knowing that his contributions to backpacking have helped to bring the beauty and solitude of the wilderness to thousands of people. "I'm pleased to have provided a source of enjoyment for so many people," he says.

Dick is concerned about backpacking being a rewarding experience for all who try it. He believes that an enjoyable backpacking trip is one that is a true adventure. "Backpacking can be very exciting," he says. "The thought that I might be the very first person to view a ridge of mountains from a remote vantage point, thrills me."

Dick Kelty is a man of diversity. His interests and activities are not limited to backpacking. He is an expert sailor and cyclist and world traveler who is interested in the variety every culture offers. He is also a man whose spontaneity and wit are as down to earth and basic as the first packs he produced. Dick Kelty, in a very complicated way, is as simple as the wilderness he loves.

THE MOUNTAINEER PACKS

The original "Kelty Pack."

Chris Brown, Pakistan-American Karakorum Expedition: 1974

In use throughout the world for a quarter century, the Mountaineer is a testament to the packmaking abilities of Dick Kelty.

The Mountaineer Packframe is the key to our reputation for comfort. The Mountaineer is made to the shape of your back, and when you hike, leaning slightly forward, the pack weight is directly over your feet. The pack does not sway or shift and you feel quite stable. There is little or no shoulder pullback. The suspension system is padded with firm ½" thick foam at every point where it touches the body, permitting you to cinch the waist strap snugly around your hips. You can carry all the weight on your hips and rear "shelf" without pulling the waist strap unduly tight.

The Mountaineer waist strap features the non-slip quick release Cam-Lock buckle, found on our Massif Packs. We think you'll be as pleased as we are with the performance of this latest Kelty buckle.

Padded shoulder straps are encased in seamless tubular nylon to prevent twisting. Special attention has been paid to the shoulder strap grommets placement so they won't pull out under the normal rough handling of backpacking. Three attachment positions on the frame will give you comfortable shoulder width adjustment.

You'll also like the easy ajustability of the tabler buckles on the lower shoulder straps.

COMPARTMENTED PACKBAGS

Model A4

One of our most popular designs over the years, the A4 provides the ultimate in packing convenience and packload weight distribution.

The packbag is divided into an upper and lower section. The larger top section is itself divided vertically into three compartments by lightweight nylon partitions. Top center section is large enough to accommodate most cooksets. The bottom section is completely separate from the top and has its own full width 14" zipper for easy access.

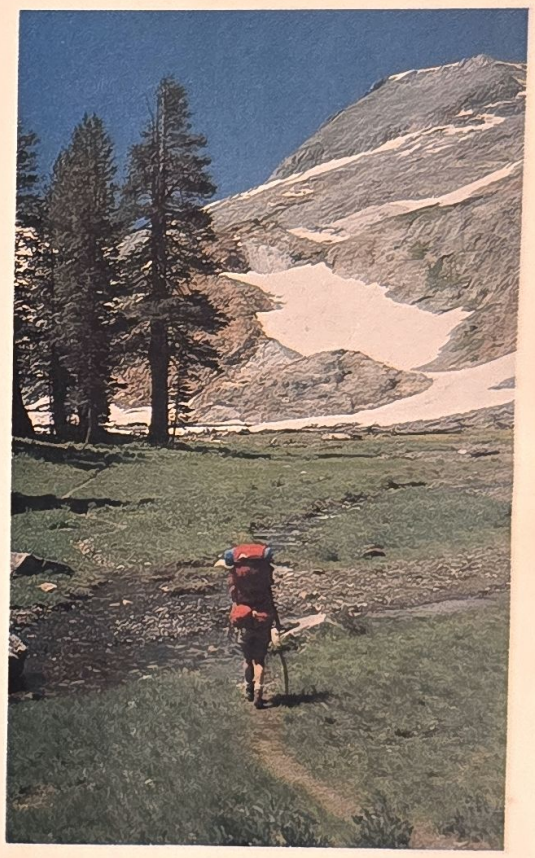
Equipment and food are easy to pack, simple to organize and instantly accessible on the trail and in camp. Four convenient pockets are perfect for canteens, lunch, etc.

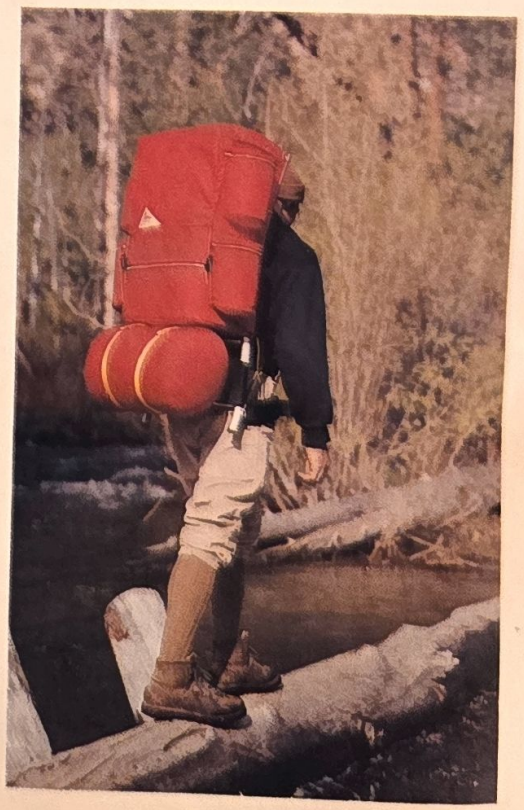
Model D4

Our most popular packbag, the D4 offers the convenience of top and bottom compartments as in the A4, but without the top vertical dividers. This permits the carrying of bulkier items on longer trips or in winter.

The D4 is also available in urethane coated pack cloth, with flap covered zippers. The coated D4 is made in Olive Green only. Please note that we recommend using a Rain Cover even with a urethane coated pack.

Please see page 6 for specifications and size recommendations.





The upper back band of cool nylon mesh can be adjusted to suit your own back configuration — another personal fit feature of all Kelty Packs.

We use the finest aluminum alloys we can find to provide the most strength with the lightest weight. Then we weld the critical joints with a deep penetration weld — Tungsten Inert Gas (TIG). At the non-critical joints we use a tough nylon bushing that gives a little flex, too.

If you need extra carrying capacity for your Mountaineer Pack, we have a frame extension available (see P. 30 for details).

Kelty Mountaineer Packbags are made from 6.3 oz. nylon, finely woven and Zepel® treated for water repellency.

TO MAKE SURE YOUR EQUIPMENT STAYS AS DRY AS POSSIBLE, WE RECOMMEND USING A RAIN COVER — EVEN WITH A COATED FABRIC PACKBAG. (see P. 15 for Rain Cover details)

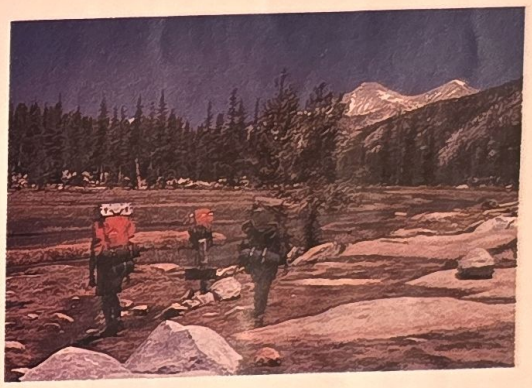
Mountaineer Packbag parts are individually "hot cut" with a hot knife to seal the edges and to reduce fraying Every detail of the Mountaineer bag is carefully designed to meet our standards of function and quality. We use the finest solid nickel or aluminum zippers for reliability, locked stitch seams with multiple row stitching at stress points, reinforcement tape under the grommets, clevis pins and key wire bag attachment to the frame for easy removal for cleaning; four pockets on each bag, cord locks to secure the flap cords and an aluminum hold open frame for easy packing. Colors are Kelty Red, and Olive Green. The Mountaineer Pack is available in four sizes for personal fit.

Please see page 6 for specifications and size recommendations.

OPEN STYLE PACKBAGS

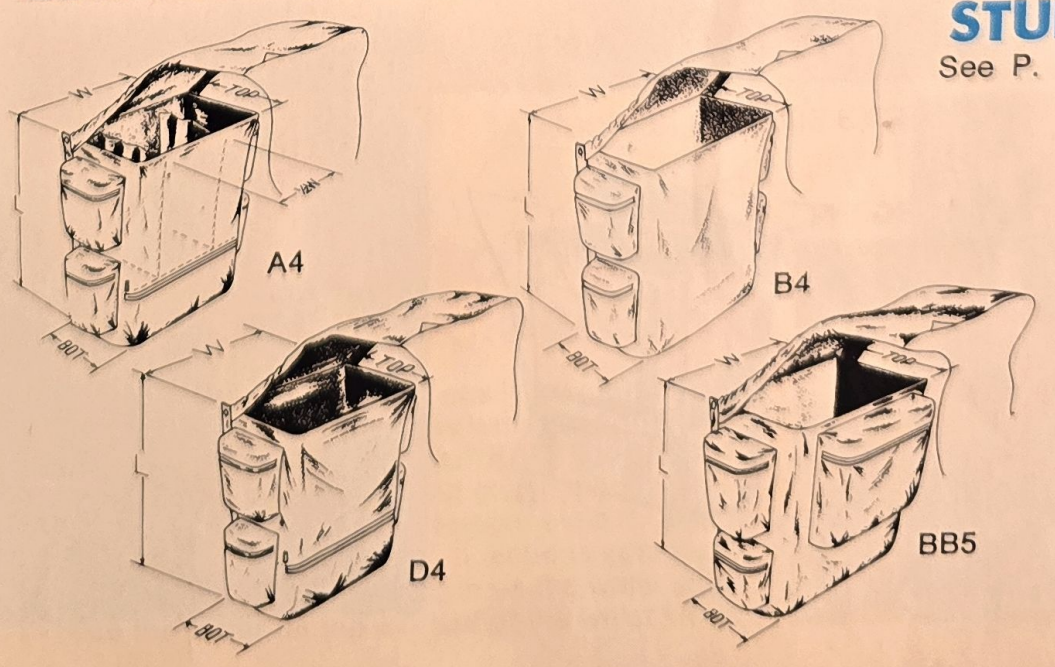
Model BB5

Often called the Expedition Pack, this large open style bag is designed for large bulky loads. It is overly large for most weekend backpacking, and we recommend its use only in special situations. Pockets are larger than other Mountaineer packbags, and nickel zippers, seams and grommets are heavier duty. A large fifth pocket on the rear allows quick access to light bulky items, such as a down sweater or your Kelty Foul Weather Suit.



Model B4

An open style packbag without partitions, the B4 offers maximum usable space for medium size bulky loads. It is suited for persons needing the most efficient use of the packbag's volume but who do not need the extra depth of the BB5. Pack your equipment in Kelty Ditty Bags before packing your B4: this makes it easy to pack and easy to unpack.



STUFFBAGS

See P. 15 for details.

THE MASSIF PACKS

To meet the increasing demand for a pack that would accommodate large loads we developed the Massif Pack.
Introduced in 1973, it has since been proven on the long trails of the United States and on the day-after-day large load carries required on major expeditions.
If large loads are normal for you, the Massif was meant for you.
The outstanding features of the Massif Packs are a PADDED SUSPENSION SYSTEM, LARGE CAPACITY PACKBAGS, a QUICK RELEASE CAM-LOCK BUCKLE, ADJUSTABLE FRAME EXTENSION and "FLIP-UP-FLAP" COVERED ZIPPERS.

TIOGA PACK

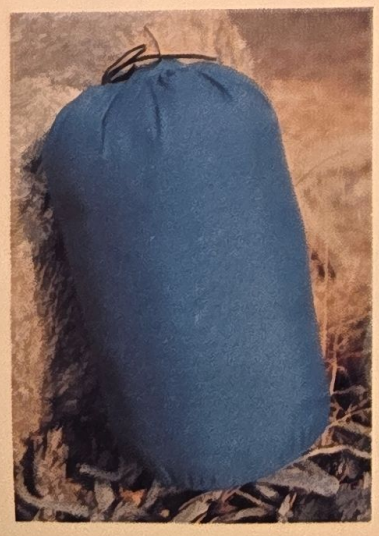
Meeting the demand for larger capacities than those normally offered is the Tioga Pack. It has a two compartment packbag — the most popular style — with a large upper section for bulky items and a lower one for smaller gear.

Features include our PADDED SUSPENSION SYSTEM and ADJUSTABLE FRAME EXTENSION as standard equipment, five large pockets for convenient access to frequently needed items, extra long accessory strap holders for no-bounce carrying of foam pads or crampons, Cordura nylon crampon patch, all nickel zippers for expedition type durability and an ice axe loop. A coated fabric panel against the frame provides extra rain protection to pack contents when the Super Raincover is used.

See chart for dimensions, weight, etc. Complete with all fittings. Kelty Red, Royal Blue, Olive Green. Small, Medium, Large, Extra Large.

Please see page 6 for specifications and size recommendations.

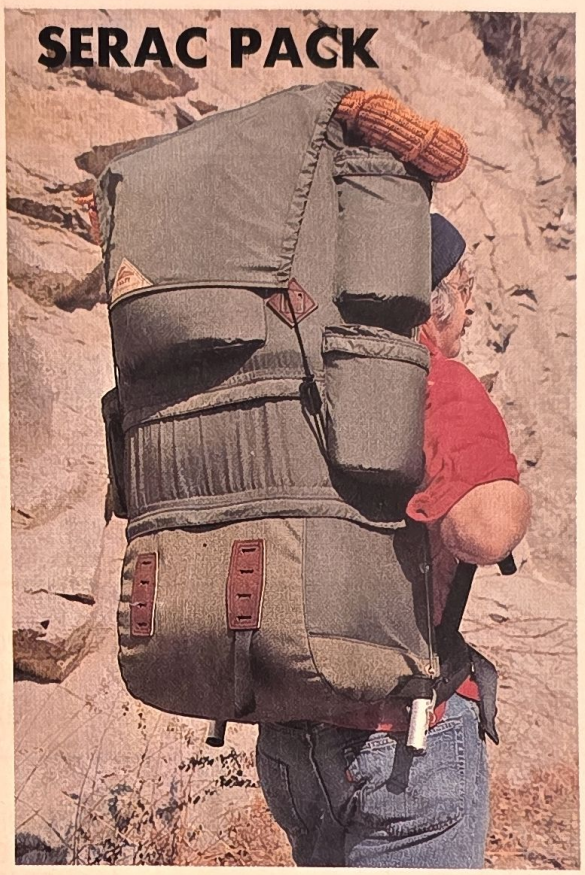
Tioga Stuff Bag



FOR LARGE LOADS AND LONG TRAILS

The suspension system on the Massif is a single unit comprised of a firmly padded backband across the rear and padded straps that curve naturally around the hips, achieving and providing the increased comfort of a wraparound waist strap system. The waist strap features a quick release Cam-Lock buckle which allows instant, easy adjustment of waist strap tension.

A two position Frame Extension is easily raised to permit carrying high loads or left low as a convenient handle when lifting the pack. We offer the Massif with two packbag styles, the Tioga and the Serac.



SERAC PACK

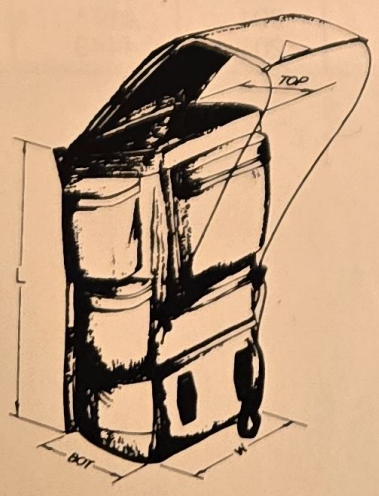
The Serac is a full length packbag offering complete security for your sleeping bag which can be carried inside the large lower compartment made of waterproof Cordura® nylon.

Other features are identical to the Tioga: PADDED SUSPENSION SYSTEM and ADJUSTABLE FRAME EXTENSION as standard equipment, large upper and medium size middle compartments, five outside pockets, extra long accessory strap holders for no-bounce tie-on of foam pad or crampons, expedition quality nickel zippers on the pockets, center opening polyester zipper on the lower compartment (polyester zippers are less likely to snag the lightweight nylons normally used on sleeping bags), and an ice axe loop. A coated panel against the frame provides extra rain protection when the Super Raincover is used.

See chart for dimensions, weights, etc. Complete with all fittings. Medium, Large, Extra Large.
Kelty Red or Olive Green.

Please see page 6 for specifications and size recommendations.

ADJUSTABLE FRAME EXTENSION



HOW TO USE THE CAM-LOCK BUCKLE

The Kelty Cam-lock buckle is easily quick-released by simply reaching across with the right hand, grasping the metal tab that says "Kelty", located on the left half of the waist strap and giving a sharp little tug. (It's a natural movement even though it sounds complex!)
If you need to adjust the length on the waist strap use the slider on the left half of the waist strap.

PADDED SUSPENSION SYSTEM

RECOMMENDATIONS FOR PACKFRAME SIZE

1. Order Small if you are of slight physique and expect to carry small, light loads.
2. Order Medium if you are of slight physique and do not expect to carry large, heavy loads.
3. Order Extra Large if you are of heavy physique or if you expect to carry large, heavy loads.
4. Order Large if you are of heavy physique or if you expect to carry large, heavy loads.

HEIGHT	MEN	WOMEN
Less Than 5'3"	SMALL	SMALL
5' 3"	SMALL or MEDIUM (1)	SMALL
5' 4"	MEDIUM	SMALL or MEDIUM (1)
5' 5"	MEDIUM	MEDIUM
5' 6"	MEDIUM	MEDIUM
5' 7"	MEDIUM or LARGE (2)	MEDIUM
5' 8"	LARGE	MEDIUM or LARGE (4)
5' 9"	LARGE	LARGE
5' 10"	LARGE	LARGE
5' 11"	LARGE	LARGE
6' 0"	LARGE or EXTRA LARGE (3)	LARGE
More Than 6'0"	EXTRA LARGE	EXTRA LARGE

Please carefully follow the chart and instructions to select the packframe most suitable for your height and physique. Correct packframe size is essential in obtaining good waist strap function. IF APPLICABLE, MAKE THE FOLLOWING ADJUSTMENT TO YOUR ACTUAL HEIGHT BEFORE PROCEEDING WITH THE CHART:

- ADD 2" IF YOU ARE "LONG WAISTED."
- SUBTRACT 2" IF YOU ARE "SHORT WAISTED."
- ADD 3" IF YOU ARE A GROWING BOY.
- ADD 2" IF YOU ARE A GROWING GIRL.

1976
KELTY FRAME PACK SPECIFICATIONS

PACKBAG STYLE	BAG LENGTH (inches)	FRAME WIDTH/LNGTH (inches)	BAG DEPTH TOP/BT (inches)	BAG VOL. (in³)	Top Side Pocket Vol. (Total)	Bott. Side Pocket Vol. (Total)	Back Pocket VOL. (in³)	TOTAL VOL. (in³)	TOTAL PACK WEIGHT (oz.)
BASIC									
SM	16½"	14½/27"	8½/5½"	1420	200	—	—	1620	44
MD	18	14½/29	8½/5½	1590	200	—	—	1790	46
LG	20	15½/31	9/6	2040	284	—	—	2324	50
EX LG	22	15½/32½	9/6	2240	284	—	—	2524	52
MOUNTAINEER, A4, D4, B4									
SM	16½	14½/27	8½/5½	1420	186	80	—	1686	See Note 3.
MD	18	14½/29	8½/5½	1590	204	80	—	1874	
LG	20	15½/31	9/6	2040	204	144	—	2388	
EX LG	22	15½/32½	9/6	2240	204	204	—	2648	
MOUNTAINEER, BB5									
MD	18	14½/29	9¾/6¾	1900	236	154	378	2669	61
LG	20	15½/31	10¼/7¼	2440	284	154	378	3257	65
EX LG	22	15½/32½	10¼/7¼	2680	284	154	378	3497	67
MASSIF TIOGA									
SM	17½	14½/28	8½/6½	1780	204	144	165	2293	68
MD	20	14½/31	8½/6½	2030	204	144	165	2543	72
LG	22	15½/32¾	10¼/7	2680	204	204	201	3289	75
EX LG	24	15½/34¼	10¼/7	2930	204	204	201	3539	78
MASSIF SERAC			**TOP/MD/BT**						
MD	26½	14½/31	8½/8/10	2930	204	144	165	3443	80
LG	29	15½/32¾	10¼/8/10	3580	204	186	201	4171	82
EX LG	31	15½/34¼	10¼/8/10	3840	204	204	201	4449	86

NOTES:

1. Dimensions in inches, and volume in cubic inches, are approximate.
2. Packframe dimensions are outside, not center to center.
3. Weights of Mountaineer Packs A4, D4, B4 and coated D4 are as follows:

A4	S/M/L/XL	55/57/61/63
D4	S/M/L/XL	54/56/60/62
B4	S/M/L/XL	53/55/59/61
Coated D4	S/M/L/XL	57/59/64/66

THE BASIC PACK

In these days of spiraling labor and material costs, we set a challenge for ourselves: to build a Kelty Pack for under $40.00. We feel we have succeeded in creating a pack that has all the essential features of our Mountaineer Packs and that will give many years of comfortable, reliable usage, all for a remarkably low price. If you are in need of a pack and frame and want the best, but previously the best was too expensive, or if you are a beginner and wish to avoid making a major investment, or most especially if you are a younger person and still growing, the Kelty Basic Pack was made for you.

The Basic Pack rides comfortably on a 1½ wide waist strap with non-slip buckle (many of our friends who bought their Kelty Packs before 1969 will find the strap familiar — we used it before, and it's still a workhorse). If you want to add a pair of hip pads, they are available as a reasonably priced option. The backbands are both nylon mesh, a cool and soft material that molds itself to your back, and the lower band is reinforced at the bottom edge with 1½'' wide nylon webbing. The suspension works identically to that of the other Kelty Packs, and is quite comfortable.

The Packframe is made from aluminum tubing, with a .041'' thick wall. All welds are Tungsten Inert Gas (TIG), and are warranteed against breakage from defects in materials, or workmanship. There are three adjustment holes in the frame to permit raising and lowering the lower suspension system to fit growing children. The shoulder strap attachment is also adjustable for different size people.

The Packbag is made from 6.5 oz. urethane coated nylon, and is sewn with high strength cotton-wrapped dacron thread. The Packbag is unpartitioned and moderate size bulky loads can be carried easily.

There are two large outside pockets measuring 11'' x 6'' x 3½''. Pocket closure is a #6 nylon coil zipper that goes up the side and across the top, making it easy to insert a canteen or other equipment.

As in all Kelty Packs, the adjustable shoulder straps are thickly padded. The Packbag attaches to the frame with convenient and reliable clevis pins and attaching wires. Color is Navy Blue. Small, Medium, Large, Extra Large.

Please see page 6 for specifications and size recommendations.

MATCHING KELTY STUFF BAG

The easy way to pack and protect your sleeping bag. Made with the same blue urethane coated nylon as the Basic Pack. Small, Medium, Large.

Weight: 4 oz.

HIP PADS

Fits 1½'' waist straps. Adds padding over your hip bones to reduce chafing caused by heavy loads. Vinyl coated poly-vinyl sponge.

Weight: 1½ oz.

QUESTIONS AND ANSWERS

One of the things we most appreciate is hearing from you, our customers. Your input is invaluable in our efforts to improve our products and service. Often your letters contain questions as to why we do or do not do certain things, and we would like to use these pages to answer some of those questions which appear most frequently.

1. "Why do you use metal zippers?"

Actually, we use metal, polyester and nylon zippers, depending on the application. We use metal (either solid nickel or aluminum) zippers where reliability under stress is of key importance, such as pockets and the lower opening of our compartmented packbags. We have had few failures and, in our opinion, no other material functions as well in these areas.

2. "If metal zippers are so great, why use anything else?"

Here again, the application sets the standard. Where great strength under stress is not important, such as on clothing and light use soft packs, or where there's a sharply curved opening, as on the lower compartment of the Tour Pack, we use synthetic for their non-snagging and flexibility.

3. "Don't metal zippers freeze?"

Yes and no. Moisture freezes. When moisture collects on a zipper (any zipper) through condensation or rain, and the temperature drops below freezing, that moisture will freeze. The easiest way to remove frost and ice from zippers is to strike them and flex them several times and run the slider back and forth. Theoretically under certain conditions of extreme cold, a situation can develop where metal zipper surfaces stick together. Kelty Packs have been to the top of Mt. Everest, to the Antarctic, and used in Alaska and the North Pole, and they performed well every time.

4. "Why do you use 'breathing' fabrics?"

Actually we use both uncoated (breathing) and coated nylons. Our tests show that the uncoated 6.3 oz. packbag fabric used on our Mountaineer, Tioga and Serac packbags has superior tear strength and abrasion resistance compared to a coated version of the same fabric. Additionally, breathing fabric reduces the chance of packbag contents mildewing. Our breathing fabric is Zepel® treated for water repellancy.

Coated fabrics offer more resistance to moisture penetration than uncoated fabrics. We use them on certain exposed areas of the Tioga and Serac where there are no seams that might leak; the front panel next to your back and the bottom sleeping bag compartment of the Serac.

We also offer a coated version of the Mountaineer D4 for those who want that feature.

One other factor has a bearing on choice of fabric — economics. Each part of pack using uncoated fabric must be cut individually with a hot knife to prevent fraying, an expensive process. This is not the case with coated fabrics. Hence, for economy, the Basic Pack uses a 6.5 oz. urethane coated nylon.

5. "Why don't you make a water proof packbag?"

No fabric packbag is waterproof. The fabric might be (when it's new), but the packbag is not. Needle holes and zippers will leak and unprotected seams and zippers will leak and normal use of the pack may simply wear through the coating with unexpectedly wet equipment the result. Better, by far, to protect your pack (any pack, coated or uncoated) and its contents with a Rain Cover. See page 15 for Kelty Rain Cover details.

6. "Why don't you make an adjustable packframe?"

We feel the best fitting packframe, and therefore the most comfortable is one which is correctly proportioned to your size. Then with only minor adjustments it can be "fine tuned" to fit you perfectly. If you are 5'3" or less the curvature of your back is not going to be the same as someone 6'3". We feel that four different frame sizes are needed to provide proper fit. See question 13 and fitting chart on page 6.

7. "What kind of thread do you use on your packs?"

Nylon. Kelty was an innovator in the use of nylon threads on packs. In areas of high stress, for example on the side of the pack where the grommets are seated, we use four to five rows of stitching, depending on the model. To gain extra seam strength, backstitching and bar tacking are used whenever necessary.

8. "I've heard you use cotton tape on the sides of the packs — why?"

Cotton tape provides a slightly compressible reinforcement under the grommets. A necessity, we feel, to prevent the fabric from pulling away from the grommets.

9. "Then why do you use nylon tape under the hold open frame?"

In this instance we use a special nylon tape for abrasion resistance where tear strength is not a requirement.

10. "Why do you use two backbands instead of a full length one?"

We believe two separate backbands offer more comfort, ventilation and adjustability than a full length one. The backbands on most of our packs can be raised or lowered slightly for a "fine tuned" fit and the tension on the upper and lower edges can be varied to suit your back and posture. Since two 5" backbands compress your clothing less than one long one, there is less perspiration and better evaporation, therefore you'll remain cooler in summer and warmer in winter.

11. "Why do you weld your packframes together instead of using some other method?"

We feel that the Tungsten Inert Gas (TIG) method, which is a deep penetration weld, provides the maximum strength and durability under the prolonged rough usage of normal backpacking. We also use a tough nylon bushing to join one non-structural cross member to side members of the frame, resulting in a strong, slightly flexible frame.

12. "What about the aluminums you use?"

We use several types of aluminum tubing, and each is chosen for its particular values of weight, strength, welding properties or economy. The Mountaineer and Massif Packframes use what is often referred to as an aircraft grade, while the Basic uses a slightly different alloy with a thicker wall that offers outstanding performance at a lower price.

13. "How can I tell if my pack fits me?"

If it feels comfortable is the best way! An objective way of determining proper fit is to see that the load carrying parts of the packframe meet you at the proper places. The center of the lower backband (2½" up from its bottom) should be level with your hip bones. For most people the waist strap should pass over your hips, rising toward the front, with the buckle centered on your waistline or just above. The pack must be proportioned to your body. That's why we make four sizes of packframes.

The shoulder straps should pass over your shoulders on the level, or rising slightly, to their attachment on the crossbar. That way you will have less shoulder pressure than if they curled over your shoulders.

Some individuals will feel comfortable with the pack in a slightly different configuration than those just mentioned. Some may prefer the pack to ride a little lower, and some prefer their shoulder straps to attach an inch or more above their shoulder level (that can cause pack swaying, but it also insures virtually no weight on the shoulders).

Follow the instructions included with each pack, and adjust from there as you gain experience.

Fitting Tip for Women: *You may be more comfortable if the waist strap passes over your hips and abdomen horizontally without rising toward the front. Try it both ways.*

14. "Is there any reason why I shouldn't put the upper shoulder strap on top of the crossbar to lengthen the size?"

None. We suggest, however, that you lower the bottom backband and waist strap first. Then check for proper fit, see question 13, before moving the shoulder strap.

15. "How much weight should I carry?"

There are all kinds of formulae. One fifth your body weight, or an arbitrary 35 pounds, or an arbitrary 50 pounds, etc. Remember you're the one who has to carry it! Keep it light. You'll survive without a third change of socks or an extra cookpot "just to boil water". Try for less than 20 lbs. of equipment plus about 1½ lbs. of food per day per person if freeze-dried. You can beat that easily if you want to. Don't feel guilty if your pack is lighter than everyone else's. Just don't tell them until the last day of the trip.

16. "How should a frame pack be packed for the most comfort and convenience?"

Happily, the way you would pack a pack for comfort is the same as the way you would for convenience. Picture the pack in three "layers", with light items on bottom, heavy in the center, and those frequently needed on top.

Stow light bulky items such as your sleeping bag and foam pad that you won't need on the trail below the packbag. In the lower part of the packbag put last needed equipment such as spare clothes and food.

In the center, put your stove, fuel, pots, heavy food items, and more clothes. When you wear your pack, this weight will be over your feet and center of gravity for stability.

On top, put the items you will need first, such as lunch, poncho, first aid kit, jacket and tent.

Some hints on packing. *Use sleeping bag straps with buckles to attach your bag, not rope (it either loosens or tightens too much). Try to put things in the same place everytime (especially flashlight, insect repellent, sunburn cream, candy, first aid kit) so you will save time and bother. Use different colored ditty bags for different items, again, always the same color for each item; or clear plastic bags. Bring a few spare plastic bags and twist fasteners.* *(See page 32 for our Backpackers Checklist.)*

17. "Where should I carry my map?"

Tucked between your packbag and the packframe's two vertical aluminum rods directly behind your head where it can be reached while walking.

18. "How should I clean my Kelty Pack?"

Dry cleaning and washing are both acceptable. Dry cleaning will remove stains better than washing and leave your pack looking "newer". Washing works fine for normal dirt, though.

Any drycleaner can do your packbag. If your pack is an uncoated model you might have him re-do the repellency treatment at the same time.

To wash a pack, remove the hold open bar (the easiest way is through the "button holes" in the back panel) and use mild soap in warm water on the regular wash cycle. Presoak if it is very dirty. To dry it, remount the bag on the packframe while it is still wet. Most water repellent aerosols will do a good job of restoring the repellency of our uncoated pack, and some will help it resist staining in the future.

19. "Any hints on pack care?"

Yes. Keep your pack away from fire or hot objects (nylon melts!). Protect it from abrasion and hard or sharp camp gear. When packing, don't put your cook kit against the packbag next to the frame center supports. You could wear a hole in the bag through the constant jostling of hiking. And when you're camped, remove food from the pack to avoid animal damage. To lengthen the life of your pack, store it in the packbox if you're storing for a long period of time.

20. "Is Dick Kelty still active at Kelty?"

Yes, indeed! *See page 1.*

We hope we've answered many of your questions satisfactorily. If not, please see your local Kelty dealer or write to us and we'll do our best to answer them personally.

KELTY

TOUR PACK

A large softpack that rides as comfortably as a frame pack has been the dream of many climbers and hikers ever since Dick Kelty first discovered the function of a waist strap in 1950.

We believe the Tour Pack is a major advance in load carrying and fills the niche between our Day Packs for small loads and Kelty Packs themselves, for general backpacking and expeditions.

This soft pack is ideal for foot touring in Europe or the United States. It's the kind of bag that fits into odd shaped places or into small cars or even on overhead luggage racks in trains and busses.

The Tour Pack is most comfortable with loads up to 35 lbs.

As for ski touring — this pack is the practical companion. Because of its low center of gravity the Tour Pack gives the skier a better sense of balance which gives him more stability and better control. The Tour Pack is also narrower than a regular frame pack which allows free movement of the arms with no discomfort or obstruction.

A large (14″ x 11″ x 9″, 1034 cubic inch) center-opening lower compartment provides complete security for your sleeping bag. Two epoxy coated aluminum internal vertical stays keep the pack upright, transfer weight to the hips and should be bent by you to conform to the contours of your back for custom fit. The upper compartment of the large and extra large sizes is divided vertically for half its height, both to keep the Tour Pack from bulging outward and to make load organization easier.

Other features include four large outside pockets plus accessory strap holders for climbing rope, foam pad, crampons, etc. (a pair of holders under the top flap keeps equipment from slipping out), tough 11.5 oz. or 7.5 oz. coated Cordura nylons used throughout, padded adjustable shoulder straps (identical to those of Kelty Packframes), ski slots behind the side pockets, polyester zippers, ice axe carrier and nylon zippers. Colors are Royal Blue and Forest Green.

Small. . . .21″ high x 13″ wide x 9″ deep. . . .3036 cubic inches

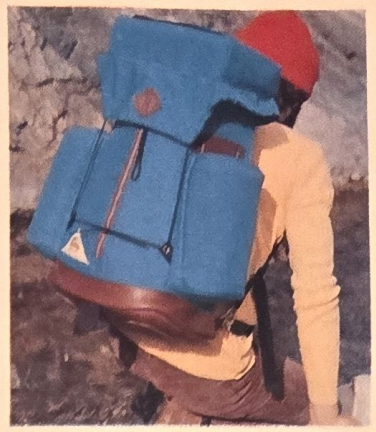
Note: The internal stays of size small are two inches shorter than the medium to provide proper fit for the smaller person. Volume is the same as size medium.

Medium. . .21″ high x 13″ wide x 9″ deep. . .3036 cubic inches

Large. . . .23″ high x 13″ wide x 9″ deep. . . .3256 cubic inches

Extra Large.25″ high x 13″ wide x 9″ deep.3476 cubic inches

RUCKSACK



Rucksacks have always occupied an important place in the exploration of mountain and valley, and we feel they still do.

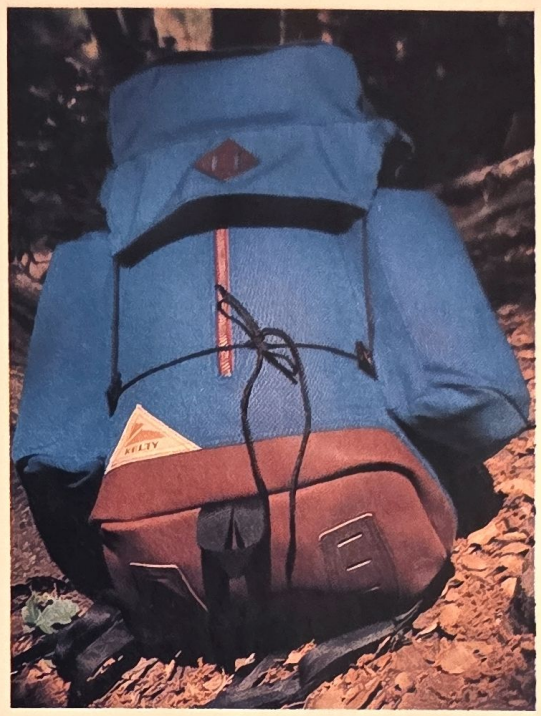
Larger than our regular Day Packs, the Kelty Rucksack can be used for peak bagging, one day or overnight ski tours, or as a go-light overnighter when traveling.

This unique Rucksack features an expandable main compartment to allow for variations in load sizes. An expedition quality 16″ long solid nickel zipper runs up the rear of the pack, and when opened reveals a gusset that increases the pack's capacity by one-third. This permits carrying bulky items or extra gear while still maintaining the pack's neat appearance and carrying comfort.

Three large (10″ x 6″ x 3½″) outside pockets accommodate canteens, first aid kits, etc. Easy access into side pockets is provided by 14″ long zippers that run up their side and across the top. There are ski slots behind the pockets. The Rucksack top is drawstring closed and secured by a clamp. Handy top flap pocket measures 10″ x 6″ x 3½″.

Heavy duty water and scratch resistant leather is used on the bottom and 2″ up the sides. Large (2¼″ x 4½″) accessory strap holders allow you to tie on extra gear.

Other features are felt padded adjustable shoulder straps, light waist strap, welded steel hauling ring and abrasion resistant 11.5 oz. Cordura nylon throughout. Measurements are 19″ high x 13″ wide x 7″ deep. Volume (expanded) is 2800 cubic inches. Color is Bright Blue and weight is 42 oz.



HAUL PACK

In Europe they would call this a guide's pack, with its big open compartment that is great for quick packing of bulky loads. Just stuff your clothes, half bag or rope right in, and off you go.

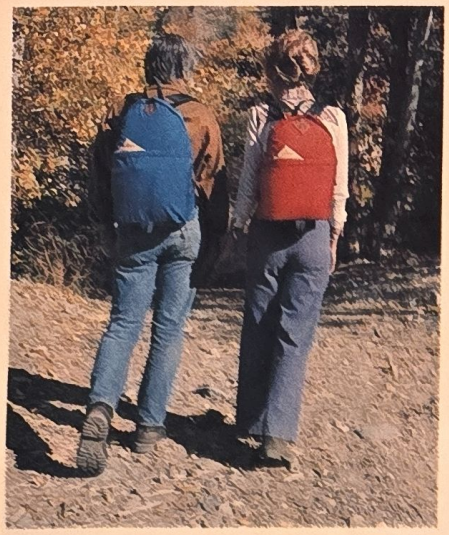
We find the Haul Pack great for ski touring (wide accesory strap holders provided for tie on of skis, etc.) and day hiking as well as rock climbing. A top pocket gives quick access to small items.

The Haul Pack is made of 11.5 oz. coated Cordura nylon and is ideal for rough usage. A special water and abrasion resistant leather is used on the bottom, and extends 5″ up the sides. The felt padded shoulder straps can be tucked inside the pack when hauling.
The no-pocket feature is an asset when climbing. Packs with pockets have a tendency to snag on rocks while the Haul Pack is smooth and slides over rough surfaces.

Other notable features include an ice axe loop, large (2¼″ x 4½″) leather accessory strap holders and leather reinforcement on stress points.

Dimensions are 13½″ wide x 6½″ deep x 17½″ high. Volume is 1550 cubic inces. Color is Bright Blue.

Weight: 41 oz.



THE KELTY DAY PACK

Our philosophy toward load carrying is to make carrying any pack as comfortable as possible, even with relatively light loads. This is the basis for the features we have given our Day Pack.

The Kelty Day Pack is basically a teardrop shaped pack designed to be positioned very low in the small of the back with the shoulder straps pulling straight down. This is more comfortable than wearing a pack high where the load can pull back against your shoulders causing fatigue or discomfort. With the additional light waist strap there is no bouncing or shifting of loads and no shoulder pullback.

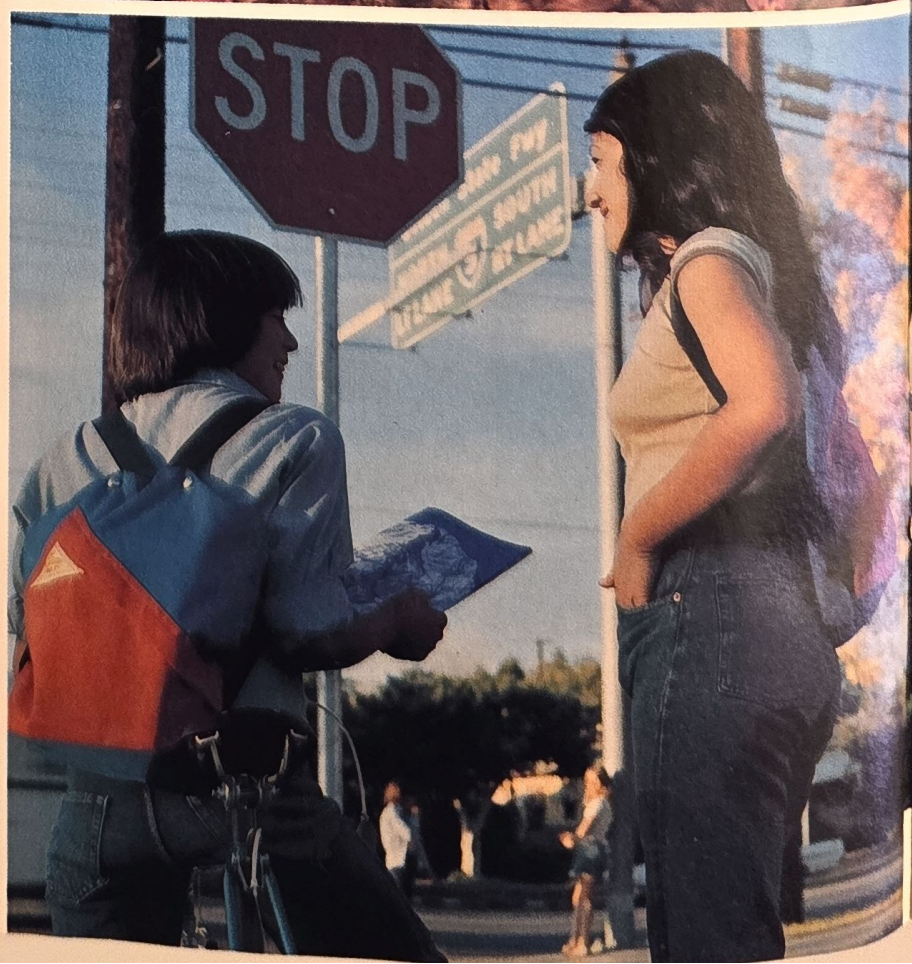
A special vertical zippered compartment, found only in the Kelty Day Pack, runs up the whole length of the pack. Into this section goes spare clothing providing padding for your back. This vertical compartment keeps the clothing from slipping down as in an uncompartmented pack.

Shoulder straps are made of firm felt, and are covered by nylon duck. Two adjustment points are found: at the lower shoulder strap and at the clevis pin top attachment.

Other features of the Kelty Day Packs are nylon coil zippers, urethane coated 7.5 oz. nylon Cordura, bar tack reinforcement at stress points, ice axe carrier, three accessory strap holders, hauling strap and a light waist strap.

The Kelty Day Packs crush down small enough to be carried on a backpack trip as a summit pack. A versatile piece of gear indeed!

Colors are Red or Blue.

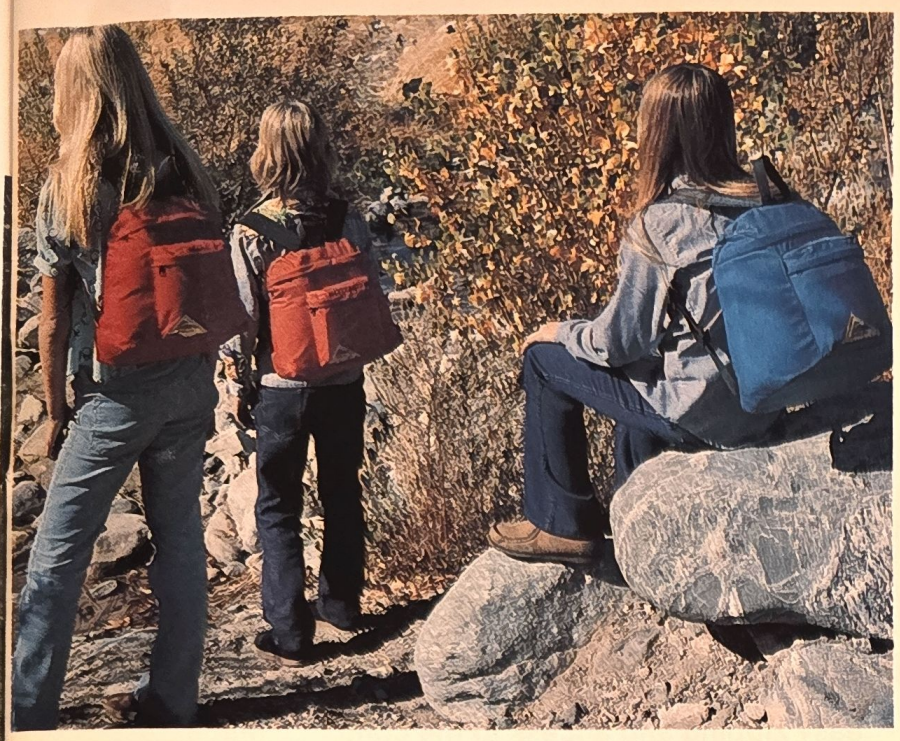


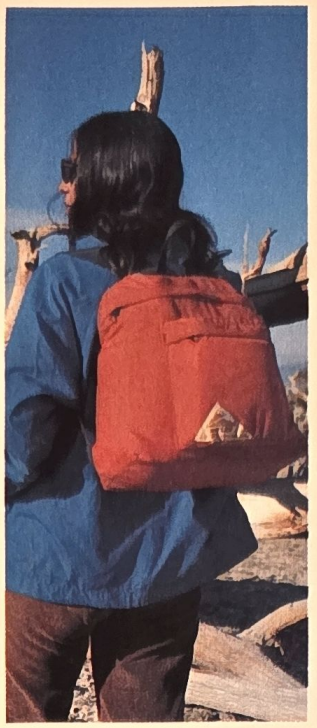
BOOK BAG

NEW

The Book Bag is designed especially for the student who wants to utilize a small pack to carry his notebook or textbooks to school. This handy pack can be used by children or college students. The Book Bag is made of 7.5 oz. coated Condura and measures 13″ high x 12¾″ wide x 4″ deep. The bag has snaps at the top and a small zip pocket on the outside. Color is Blue and Orange.

CYCLE/HIKER





The "great-for-everything" soft pack that's ideal for almost any activity from bicycling to strolling down a country lane or around Disneyland.

Pack your peanut butter sandwiches, extra sweater or note books in the large 15½" x 12½" x 5" compartment. The rear pocket, 8" x 7" x 2¼", takes all those small items you want handy: binoculars, cap, gloves, sun lotion.

The pick-up loop at the top makes it easy to hand carry the Cycle/Hiker when necessary. The full width polyester zippers on both pocket and main compartment are covered with a protective flap to reduce moisture penetration.

Shoulder straps are comfortable 2" wide polypropylene while pack fabric is tough 7.5 oz. Cordura® Nylon.

This versatile little pack comes in Red, Blue and Orange and weighs only 12 oz.

SLEEPING BAG CARRIER

Kelty has made it possible for even the smaller members of your family to enjoy backpacking with quality equipment. The Sleeping Bag Carrier is especially designed to fit the size and load carrying capacities of the smaller hiker, adult or child, who wants to carry a few smal items and their own sleeping equipment. It can also be used as a small day pack when not being used to carry a sleeping bag.

Attached to the bottom of the pocket section is a set of straps which secure the sleeping bag, foam pad, if desired, or other bulky items, such as clothing, firmly in place. The pocket may be used for lunch goodies, cup, bowl, etc. Easy access is provided by a full width 12" nylon zipper with protective flap.

The soft polypropylene shoulder straps are adjustable.

Fabric is attractive 7.5 oz. coated Cordura nylon.

Colors are Red and Blue. Weighs only 5½ oz.

NOTE: Sleeping Bag and Stuff Bag are not included.

BELT POCKET

The Kelty Belt Pocket is one of the smallest but most useful packs ever developed. In fact, it can hardly be considered a pack. It's that useful extra pocket we all need when on the trail, or cross country skiing, bicycling or just out shooting photographs. The pocket holds those items you want easily accessible.

The pocket has a variety of uses. It can be held on your belt, or it can be used as a first aid bag and stuffed right in your pack, or it can be attached to the handlebars or seat of your bicycle with Lash Straps (see Page 24).

Uniquely Kelty in design, the wide protective flap over the zipper folds out of the way for quick and easy zipping and access to the contents. Made of coated 7.5 oz. Cordura nylon. Its dimensions are 8½" x 5" x 2¼". Weight: 3 oz.
Color: Burnt Orange.

DITTY BAGS

We just don't understand how anyone can go anywhere without Ditty Bags. Our Ditty Bags have numerous uses for the outdoorsman and the traveler. You can stow your mess gear in one, or you can put your toilet articles or even your pet frog in a suitable Ditty Bag. Only your imagination limits the use of these well made bags.

These bags are made of lightweight coated nylon with drawstrings that can't be pulled out. The bags come in different colors and sizes for easy identification when stored or placed in your pack or suitcase.

Colors are Red, Blue and Green.

Size	Flat Dimensions	Weight
No. 5	5" across x 7" deep	⅜ oz.
No. 10	7½" across x 8½" deep	½ oz.
No. 15	8½" across x 11" deep	¾ oz.
No. 20	12" across x 12½" deep	1¼ oz.
No. 25	14" across x 15" deep	1½ oz.

COOK KIT BAG

Store your cook kit in this convenient waterproof bag and protect the inside of your pack from soot. The bag is made of strong, light 2.7 ounce coated nylon. Includes a special easy-pull drawstring that will not pull out.
Weight: 1 oz. Color: Dark Green.
Flat dimensions: width 14", maximum depth 14½".

STUFF BAGS

We are proud of our Stuff Bags. In fact, we think they are the best stuff bags on the market. These fine Kelty bags have a multitude of uses. You can use them to carry your clothing, or mess gear or just as an everyday knockaround bag.

Of course you can stuff your sleeping bag in one, and if you pack your sleeping bag tightly, you can even carry your down jacket in the bag, making it instantly available on the trail.

Kelty Stuff Bags are made with the same tough nylons and colors used in Kelty Packbags. Breathable stuff bags treated with Zelan® for water repellency allows your damp sleeping bag to dry on the trail. Seams are double stitched and edges are hot cut to eliminate ravelling.

Drawstring is stitched in place so it can't come out and a large top flap keeps out trail dust.

Colors of breathable Stuff Bags are Kelty Red, Olive Green and Blue. They are also available in two urethane coated fabrics. One is Green, to match the coated D4 Pack, the other is Navy Blue to match the Basic Pack.

Size	Down Sleeping Bags (Total Weight)	Dimensions	Weight
SMALL	less than 4 lbs.	9″ dia. x 17″ deep	3½ oz.
MEDIUM	4 to 5¼ lbs.	10″ dia. x 18″ deep	4 oz.
LARGE	5¼ to 6½ lbs.	11″ dia. x 19″ deep	4½ oz.

RAIN COVER

We contend that there is no pack that is waterproof. Pack fabrics may be treated so they will repel water, but because of zippers, stitch holes at seams and wear, packs will leak. Because of that leakage we advise packers to use a rain cover to protect the contents of their packs.

These Rain Covers are made extra long to protect the largest sleeping bag even with the adjustable frame extension at its highest point.

Easily placed over the pack, the covers are held in place by two light snapped tapes. The lower tape snaps across the bottom part of the frame at the lower shoulder strap attachment point. The upper tape snaps just under the upper back band. The Rain Cover should not cover the bottom end plugs — abrasion between plugs and ground will damage the Rain Cover.

The Rain Cover has a bottom drawstring with a cordlock to pull the Cover below the sleeping bag, much like a "shower cap."

The fabric is 2.7 oz. urethane coated nylon. Colors are Kelty Red and Olive Green. Sizes are Small, Medium, Large/Extra Large.

Weight: 7 oz.

Rough wind, that moanest loud
Grief too sad for song;
Wild wind, when sullen cloud
Knells all the night long;
Sad storm, whose tears are vain,
Bare woods, whose branches strain,
Deep caves and dreary main —
Wail, for the world's wrong!

— Percy Bysshe Shelly
A DIRGE

WINDWEAR—

Backpackers often ask why they should purchase both a wind garment and rainwear. We at Kelty believe that both garments are a necessary part of backpacking and are designed with the backpacker's health and comfort in mind.

When in the wilderness wind and rain can be hazardous as well as uncomfortable. Prolonged exposure to wind without protection erodes precious body heat and in turn dissipates an individual's high energy level. Convection (loss of body heat due to wind) could cause undue exposure and should be avoided.

Exposure can also occur when a person's clothing gets wet. By means of conduction (heat transference from a warm source to a cooler source) a backpacker who's wet would lose body heat.

Kelty wind garments are made to guard you from the effects of wind chill. The Windstoppers and the Wind Pants fit loosely so they can be put over layers of warmth clothing. The fabric is a breathable nylon taffeta to prevent condensation with minimal wind leakage. Controllable ventilation is provided on all Kelty wind wear.

PONCHO SHELTER HALF

Includes all the features designed into the regular poncho. In addition, its extra length will cover you while wearing a Kelty Pack. Excess length can be rolled up and snapped securely when not wearing a pack. Combine with Kelty Rain Chaps for complete rain protection. Snaps allow you to join any two Kelty Poncho Shelter-Halves to form a generous rain shelter. Tent stake loops provided. Size: 52″ x 108″. Colors are Green, Red or Blue.

Weight: 14 oz.

PONCHO

A completely waterproof ultra-lightweight nylon poncho that adequately covers you and a day pack. Hood is cut so it turns with your head and will not obstruct vision even if you wear glasses. Hood closes with a drawstring and slider. There are no seams across the shoulders. Critical hood seams are individually hand coated to eliminate leaking. Combine with Kelty Rain Chaps for complete rain protection. Size: 52″ x 86″. Colors are green, Red or Blue.

Weight: 11 oz.

RAIN CHAPS

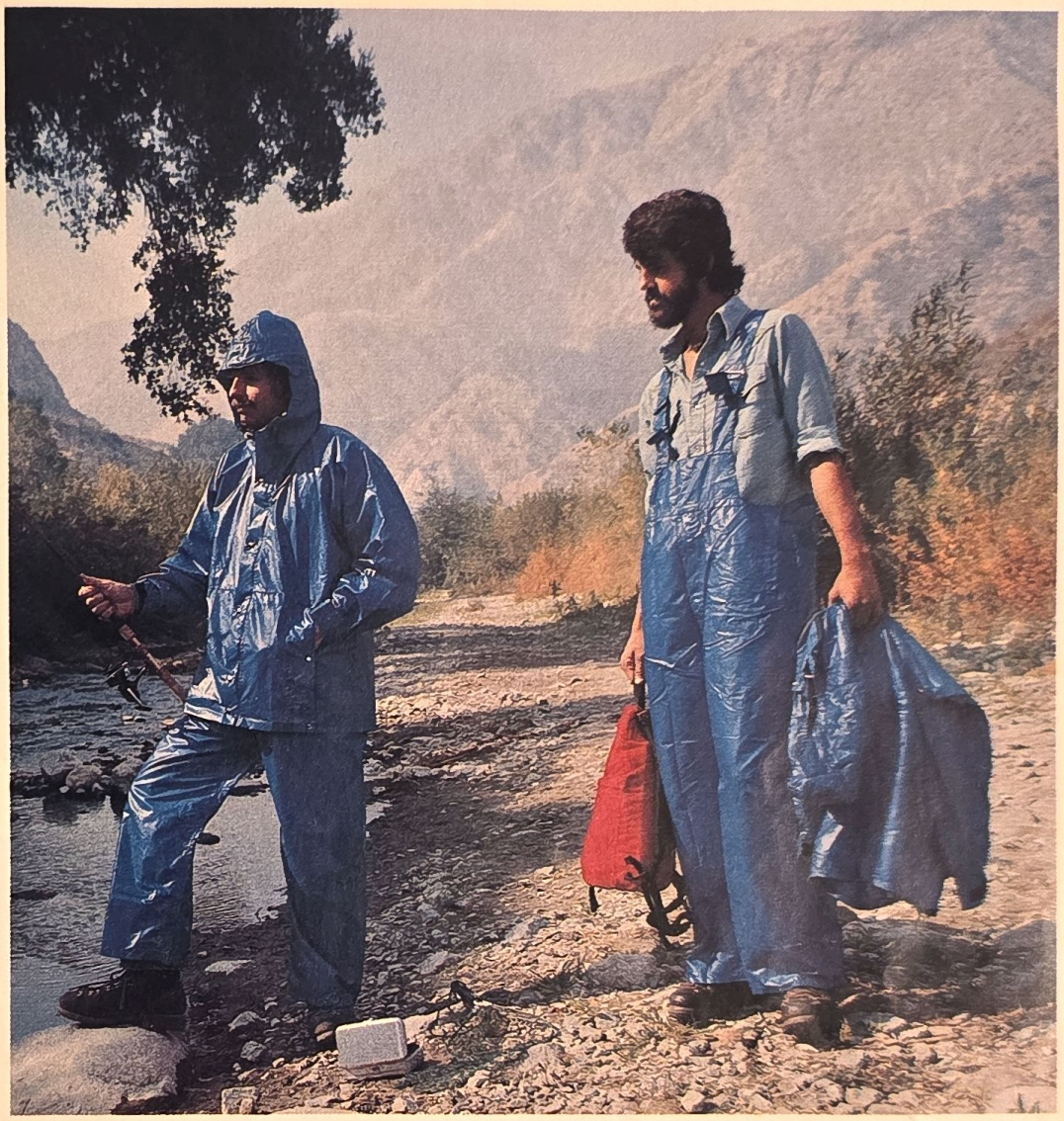
An excellent companion to your Kelty poncho. They can be put on without removing boots. Belt ties are provided to hold them in place. Made of the same coated material as Kelty Ponchos. Medium size fits 27″ to 31″ inseam, large size fits 31″ or longer inseam. Colors are Green, Red or Blue.

Weight: 4 oz. Medium or Large

RAINWEAR— WHY?

Kelty rainwear serves a specific purpose — to keep you dry. While it is possible to utilize rainwear as a wind garment, we do not advocate it. A rain garment, if it's to be effective, must allow for ventilation. Rain clothing must fit loosely so air can travel around your clothing to reduce condensation buildup. Rain clothing, if used as a wind garment, provides too much ventilation and allows wind leakage which would make it less effective as a wind protector.

An important factor in being comfortable in the wilderness is the use of proper clothng.
Shell clothing such as Kelty Foul Weather Jackets and Pants can make a normally wet stay in the open a comfortable and safe experience.



FOUL WEATHER SUIT

THE FIRST REALLY COMFORTABLE FOUL WEATHER SUIT!

Rain can ruin a weekend or longer camping vacation unless you are adequately prepared. We have designed our Foul Weather Jacket and Pants to protect you from rain and the condensation associated with most rain gear. Our Jacket and Pants emphasize ventilation to reduce condensation buildup and are recommended for use while backpacking, fishing or during any foul weather outdoor activity.

Jacket is loose fitting and features urethane coated 2.7 oz. nylon fabric, Velcro® adjustable cuffs, a covered nylon zipper and snaps. An outstanding feature is side slits that allow your pack's waist strap to ride beneath, rather than on top of the jacket, permitting better ventilation. Slits also allow access to two large inner pockets that keep your hands and small items out of the elements. Slits snap closed when not in use. Hood and neck area are cut fully to permit complete head motion, and critical hood seams are hand coated.

Pants are a unique coverall style and have adjustable suspenders. Air can therefore circulate from baggy waist to baggy cuff, keeping your legs dry. Front bib offers protection when jacket is open or off. Side slits allow access to your trouser pockets. Color is Blue. Sizes: Small, Medium, Large, Extra Large.

Foul Weather Jacket and Pants — 20 oz.

Foul Weather Jacket — 12 oz.

Foul Weather Pants — 8 oz.

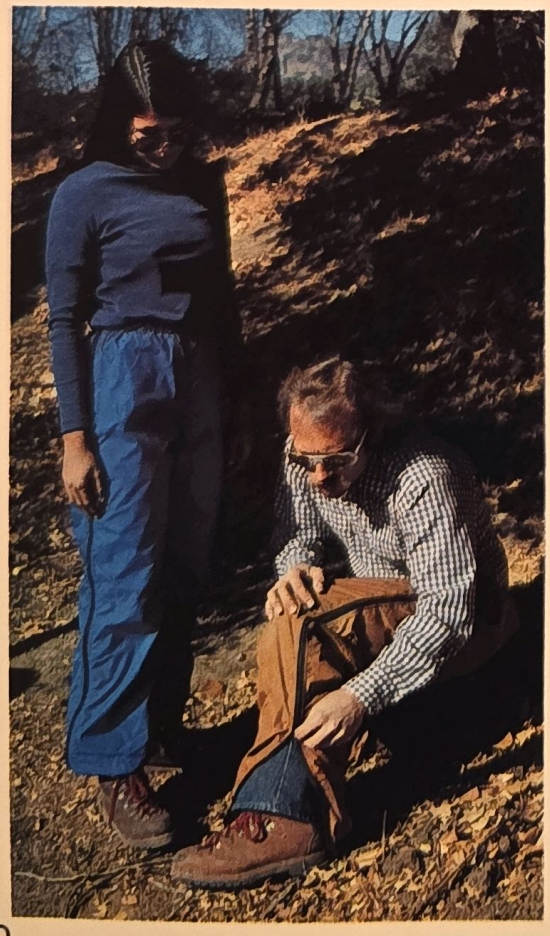
WINDPANTS

Kelty Full Zip Windpants offer protection from chilling winds when worn over your regular pants. Windpants are a desirable, if not an essential, piece of equipment for expeditionary or above timberline winter mountaineering.

Constructed of tightly woven 2.5 oz. breathable nylon taffeta, identical to that used in the Kelty Windstoppers, the Windpants are sturdily sewn with lap folded seams that won't come apart. A full length no-freeze-up nylon coil zipper on each leg allows you to put the Windpants on easily without removing your boots or crampons.

Elastic in the waist and cuffs makes for convenient and quick dressing.

Colors are Blue and Gold. Sizes with waist and inseam are Small (28-32, 30″), Medium (32-34, 32″), Large (34-38, 34″).



WINDSTOPPERS

Backpacking and mountaineering requires a lightweight outer shell which can protect an outdoorsman from wind chill and the loss of precious body heat. To aid the adventurer and add to the enjoyment of an outdoor experience, we at Kelty offer two quality Windstoppers.

We recommend these versatile Kelty jackets for use by sports enthusiasts from mountaineers to cyclists. The Windstopper is that "extra jacket" you'll need when it's impractical to carry heavier clothing.

The windproof and breathable Windstoppers are made of 2.5 ounce nylon taffeta with a double layer in the hood and shoulder areas for added protection.

The front closure of the Full Zip Windstopper is a heavy duty nylon coil zipper with double pull sliders. The zipper is concealed to keep out drafts. Ventilation is controlled by drawstrings at the hood, waist and bottom, and velcro adjustable cuffs. To carry possesions or act as hand warmers, two zipped, slash pockets are provided.

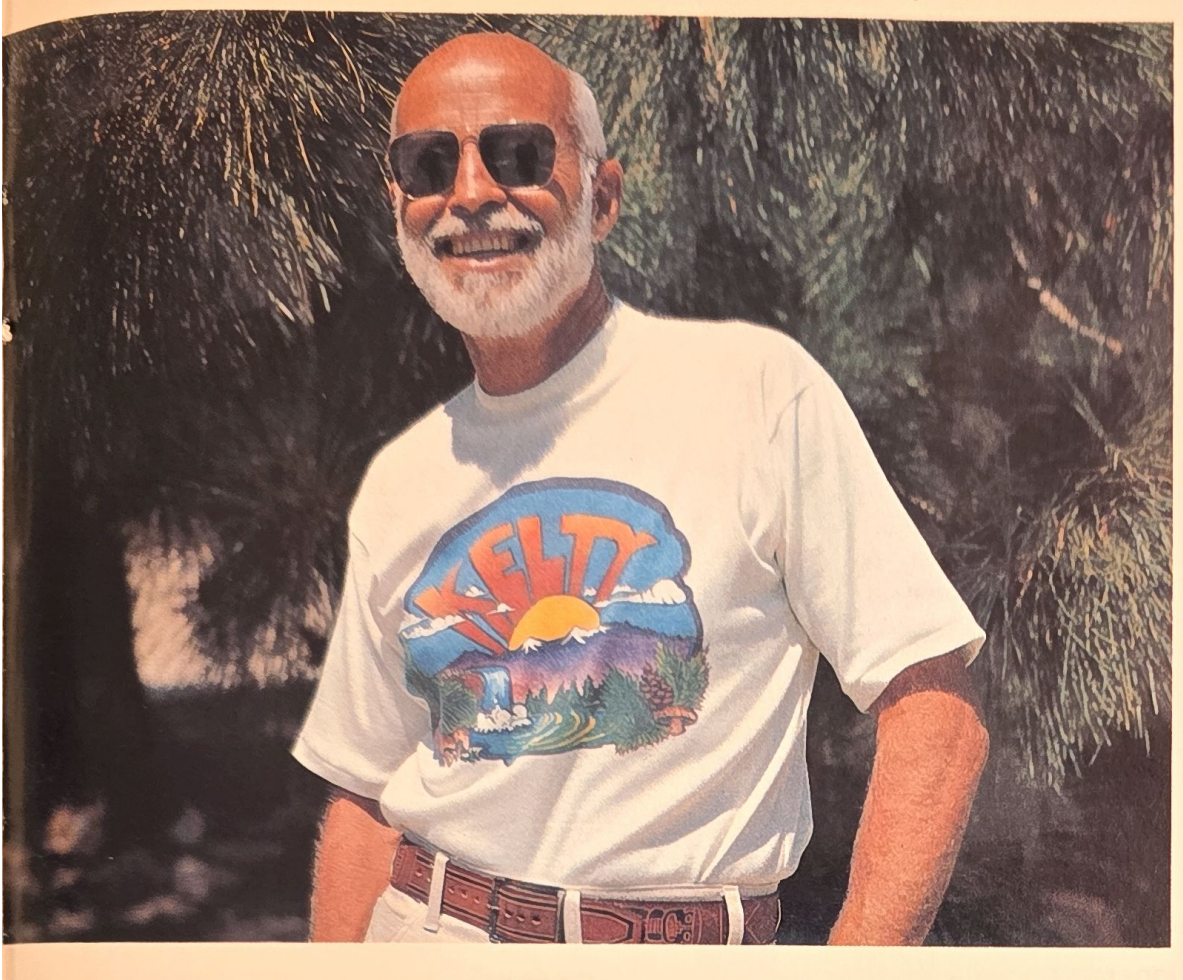
The Pullover Windstopper has a large front kangaroo pocket that is both a handwarmer and cargo bin. The unique feature of the Pullover is that it allows the Kelty pack waist strap to pass through, allowing the pocket to remain useful. There is also a separate front zippered utility pocket for map and compass.

Both jackets have built-in hoods to protect the head. The hoods can be drawn to cover the forehead, cheeks and chin. The jackets are a full cut, hanging below the hips.

The Windstoppers are sized large enough to accommodate down garments underneath.

KELTY T-SHIRTS

2. Kelty Sunrise T-Shirt

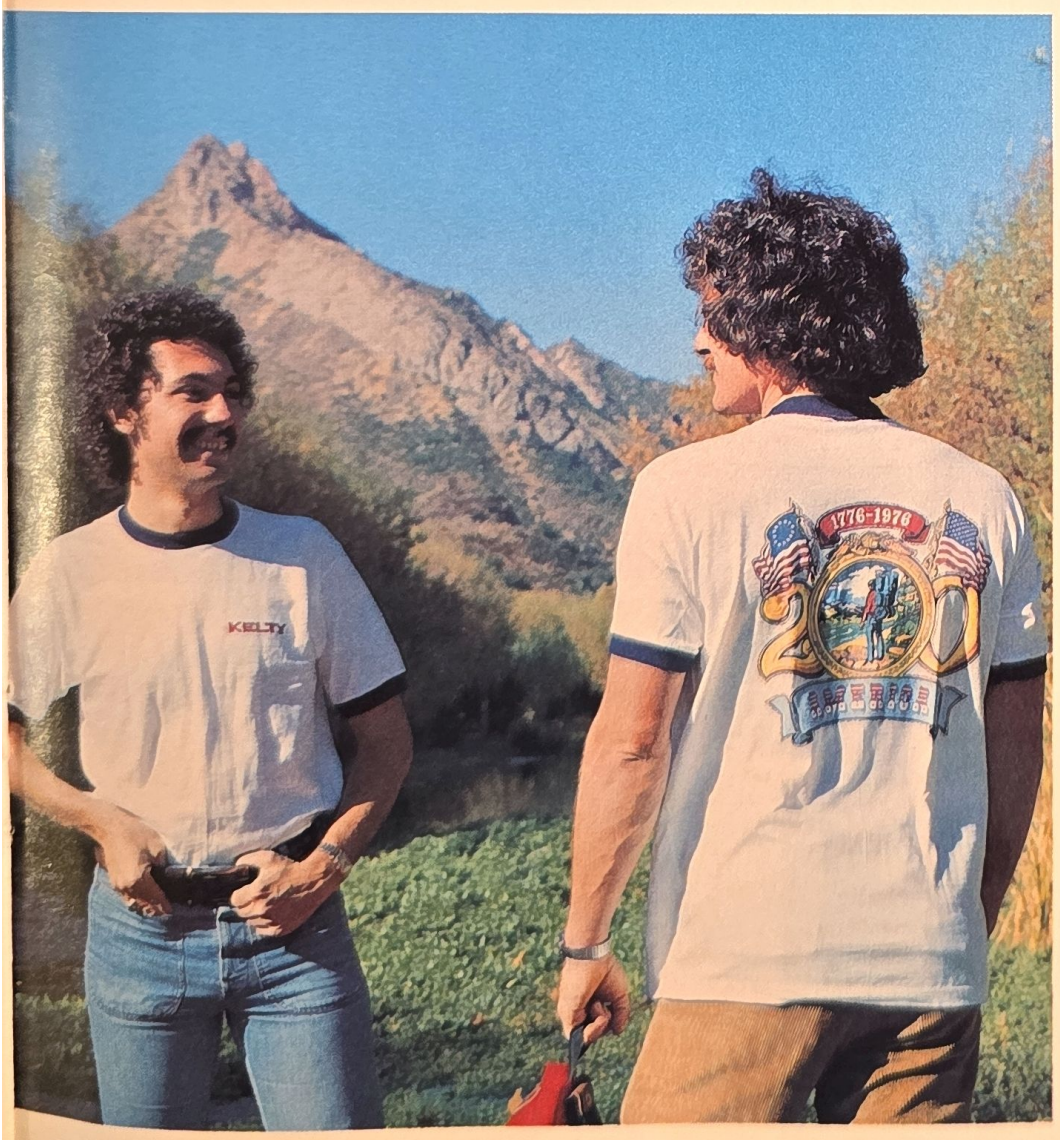


Chris Brown, Pakistan-American Karakorum Expedition: 1974

Now a choice of three designs. Our colorful designs are silk screened on 100% heavy cotton T-shirts. All have a comfortable crew neck, seams are finished with overcast stitching and all are machine washable.

Mens: Small, Medium, Large,
Extra Large

3. Kelty Bicentennial T-Shirt



1. Kelty Mountain T-Shirt

DOWN BOOTS

If you're one of those people who get chilly feet at home as well as on the trail, then you should consider a pair of our feathery light Kelty Down Boots. These boots are ideal for wearing around the house on a cold night.

Coated Cordura nylon inner and outer soles are insulated with ¼" Ensolite. The breathable 10" high nylon taffeta uppers have no sewn-through cold spots. Elastic at the heel and instep keep the boot in place and a drawstring at the top keeps cold drafts out.

Color is medium blue with attractive dark blue bottom and sides. Boots weigh only 9 oz. To fit men's show sizes: Small (4-6), Medium (7-9), Large (10-12), and Extra Large (13+). Most women will wear Small or Medium.

CARGO BAGS

FOR CAMPING AND TRAVELING Attractive and practical, these GO-EVERYWHERE bags are great GEAR-ACCOMMODATERS for camping, fishing, conoeing, hunting or any type of travel.

Pack the larger sizes with everything you need for a week, or a month, of casual traveling — these bags are easy to load, easy to carry.

The smaller one makes a trim piece of hand luggage for airline travel or shopping trip.

Our Cargo Bags feature a "ROOF-SHINGLE" zipper closure that is unique to Kelty. Located off-center and protected by EXTERNAL and INTERNAL FLAPS, rain can ROLL OFF the bag WITHOUT penetrating through the zipper. Polyester zippers are used throughout, running full length on all three sizes. The Medium and Large sizes feature a double-pull zipper that may be padlocked closed.

Two zippered pockets, one outside, one inside, gives access and protection to small items.

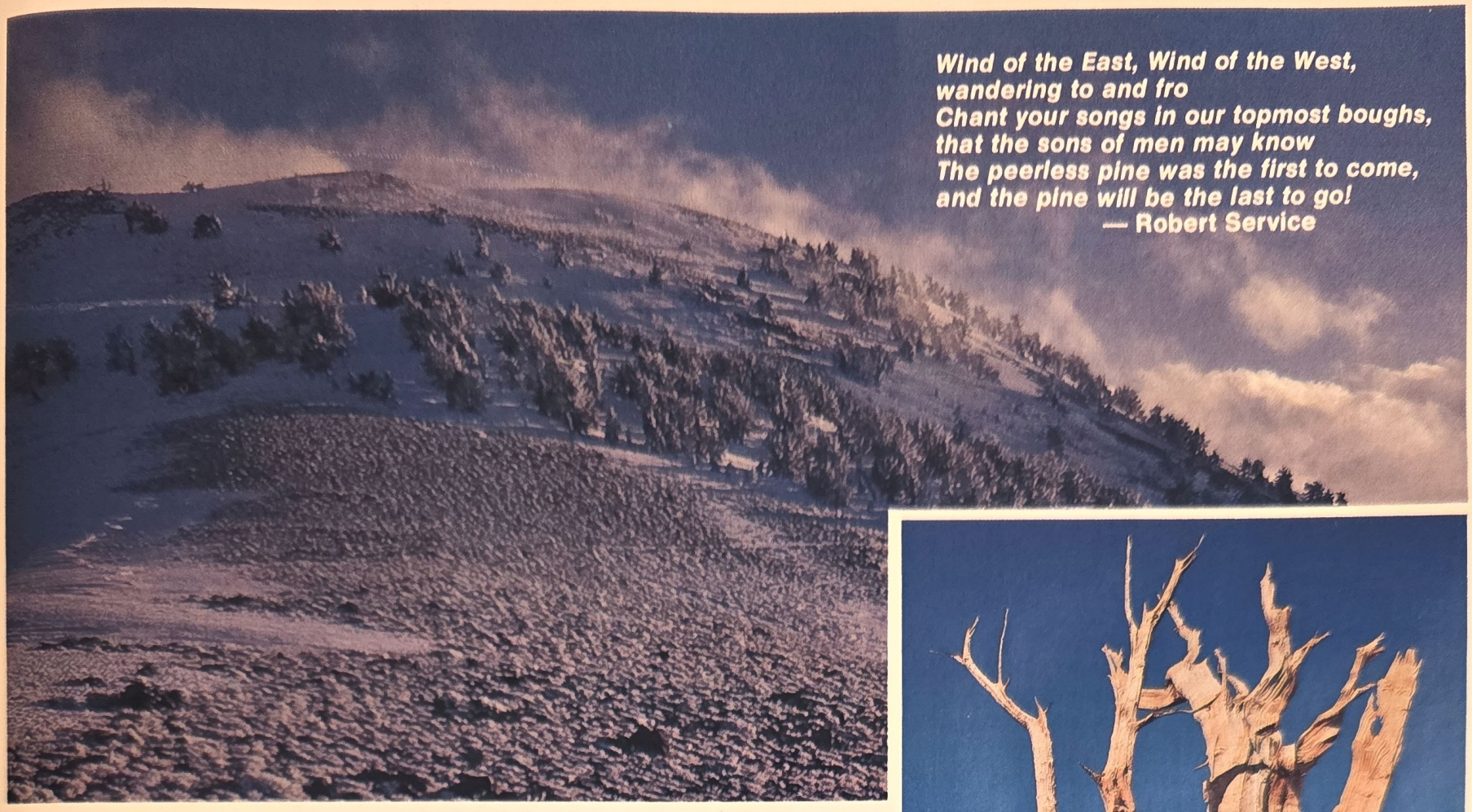
The comfortable carrying handles completely encircle the bag and are reinforced with multiple stitching at the stress points. A "grab handle" is conveniently placed across each end of the bags.

D-Rings located at each end can accommodate the adjustable 2" wide shoulder strap, available as an accessory.

Made of rugged, 7.5 oz. coated Cordura nylon.

Color is Royal Blue.

Dimensions:
Small....9" diameter x 13" length; weighs 12 oz.
Medium.....10½" diameter x 20" length; weighs 16 oz.
Large...12" diameter x 26" length; weighs 20 oz.
Capacity: Small ..... 832 cu. in.
Medium .....1,742 cu. in.
Large .....2,958 cu. in.


Wind of the East, Wind of the West,
wandering to and fro
Chant your songs in our topmost boughs,
that the sons of men may know
The peerless pine was the first to come,
and the pine will be the last to go!
— Robert Service

BRISTLECONE PINES

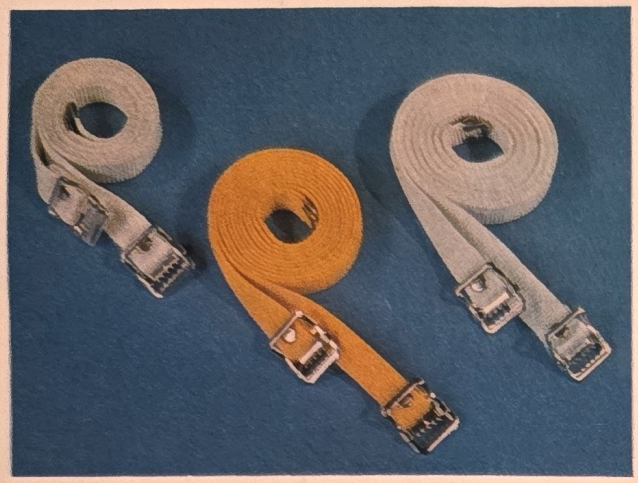
Civilizations have come and gone while the ancient, gnarled, Bristlecone Pine Trees live on. They are the oldest living things on earth, ekeing out an existence in a moon-like mountain setting.

The Bristlecones stand alone at elevations up to 12,000 feet. With the torment of sub zero temperatures and icy winter gales, the Bristlecones exist where little else grows. Looking dead, but very much alive, they have survived the ravages of erosion and natural adversity for eons.

To proect these time-honored mountain citizens the U.S. Forest Service set aside 28,000 acres in the White Mountains of California. There live more than 100 pines over 4,000 years old and thousands from 3,000 to 4,000 years of age. Some measure as high as 60 feet with some trunks growing 37 feet in circumference. These strange, barkless trees tend to grow sideways adding inches to their circumference, but not to their height.

The oldest living Bristlecone is the 4600-year-old Methuselah.

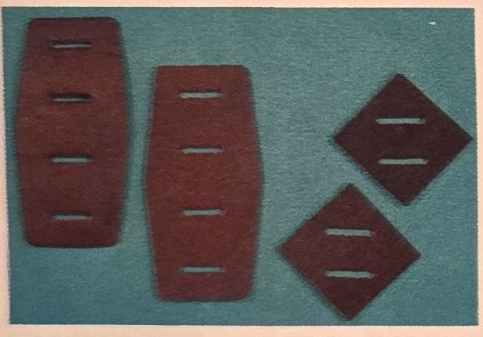
ACCESSORY STRAPS



These multi-use straps make lashing essentials to your packframe quick and easy. For tieing down your sleeping bag, use the 36″ straps, for securing your sleeping bag and foam pad use the 42″ straps and for lashing down your foam pad alone use the 24″ straps.

The nickel plated buckle grips the long wearing 100% nylon strap securely. The strap is ⅝″ wide. Weight is 2 oz. per pair and the colors are yellow (36″) and white (24″ and 42″).

ACCESSORY STRAP HOLDERS



Made of heavy duty leather, and available in two sizes: the large holders measure 2¼″ x 4½″, the small, 1⅞″ square. Two die cut slots in the small size and four in the large permit versatile strap arrangements for large or small accessories.

The large holders can be sewn on the top flap of your pack bag or on the lower compartment or anywhere on the back. If you're going to be carrying skis we suggest you sew the large straps horizontally along the sides of your pack bag.

The small holders can be sewn anywhere you desire on your pack.
Small weighs 1 oz. per pair.
Large weighs 2 oz. per pair.

NYLON GROUND SHEET

Made of 2.7 oz. seamless urethane coated nylon Taffeta that makes a light weight ground sheet or emergency tarp shelter.

Grommets in each corner and center of each side provide versatile shelter arrangement and tie down points. Colors: as available.

Finished size: 42″ x 105″ Weight: 12 oz.

VINYL GROUND SHEET

Generous 4½′ x 8′, 3 mil textured vinyl. Quite durable and weighs only 12 oz. Can be used for sleeping bag protection, a make-shift rain cape or to cover other equipment and supplies.

FOAM PADS

AIR MATTRESS

SLEEPING PADS—WHY?

A warm and restful sleep can help to make your outdoors adventure a memorable experience. A warm sleeping bag is a blessing when you're in the wilderness; however, it takes more than a sleeping bag to make your night warm and comfortable. A sleeping bag compresses with body weight which reduces the thickness of insulation underneath you. Without insulation from the ground, conduction occurs causing you to lose body heat. We recommend backpackers and campers use foam sleeping pads or an air mattress to insulate themselves from the ground.

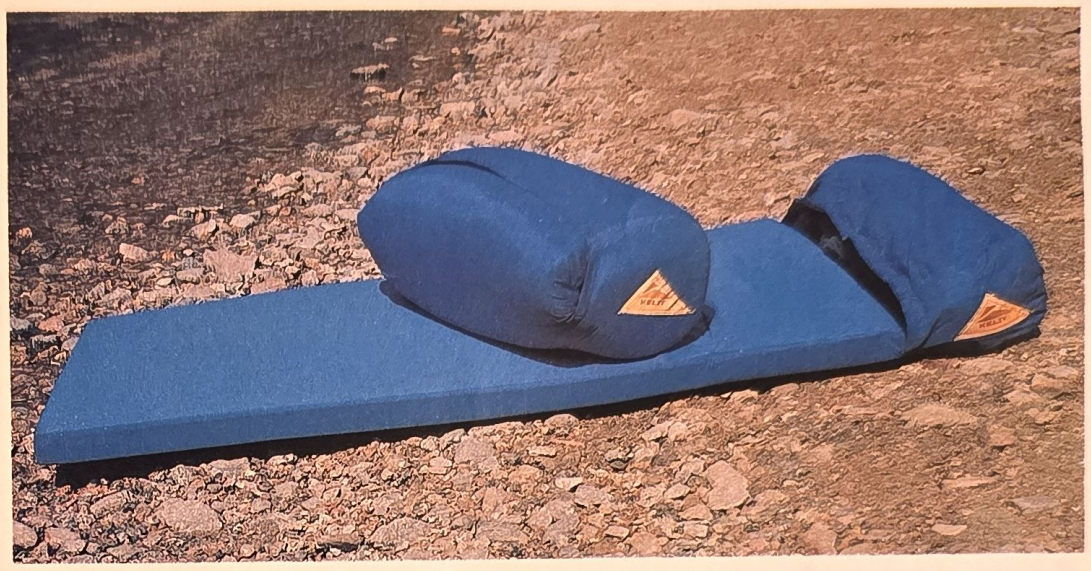
NYLON COVERED FOAM PAD

A 1½" thick polyurethane sleeping pad that is comfortable, warm, and has that extra something that makes a product from Kelty unique.

An oval shaped pouch at one end serves as a stuff bag for the pad and will double as a pillow when filled with extra clothing.

Bottom, sides and pouch are coated 2.7 oz. nylon taffeta, top is uncoated for breathability. Cover can easily be removed for cleaning. Size is 1½" x 20" x 40". Color is Blue.

Weight: 23 oz.



VINYL COVERED FOAM PAD

Polyurethane sleeping pad, 1½" thick, completely encased by tough 7 mil vinyl plastic. Sealed seams make it dust and rainproof. Two small breather valves at one end permit the pad to be rolled to 6" in diameter. Use a set of Kelty 24" accessory straps to keep it rolled tight. Size is 20" x 40". Color is Blue.

AIR MATTRESS

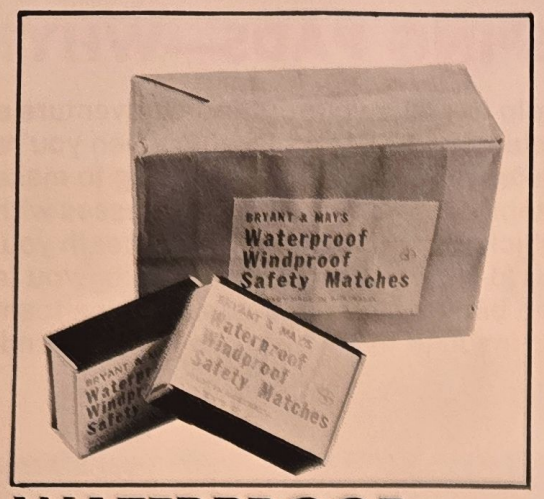
An economical and lightweight air mattress that permits individual inflation of each of the four air tubes. Air cannot transfer from tube to tube. The outer tubes are slightly larger to provide a cradle effect that keeps you on the mattress. Made of heavy duty 11 mil vinyl plastic. Size approximately 22" x 46" inflated. Patch kit included. Color is Green.

Weight: 10 oz.

AIR PILLOW

Can be used alone, or snapped to the matching Kelty Air Mattress. Made of 11 mil vinyl. 11" x 16" inflated. Color is Green.

Weight: 4½ oz.

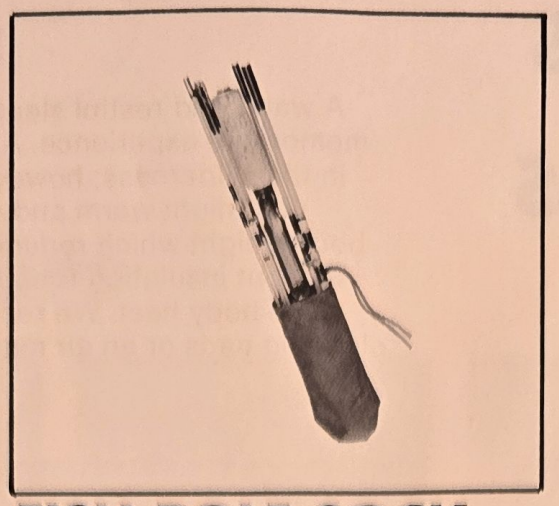


WATERPROOF-WINDPROOF MATCHES

Wooden safety matches that light when you need them most—under the adverse conditions of rain and wind. We suggest you tuck them away in several different places: first aid kit, automobile, day pack, cook kit or tackle box.

There are 25 matches in each box.

Also available by the case, 12 boxes in a case.



FISH POLE SOCK

A convenient method of carrying a fishing rod of any length. Ties to the packframe side member just above the second cross-bar. Sock carries the weight of the rod and a sturdy rubber band will secure the upper end. 1¾" diameter, 6" long. Color: Olive Green. Weight: ½ oz.

SIDE POCKETS

Originally meant to be sewn on the sides of packbags, we've seen these pockets attached any place extra storage is needed: packbag flaps, day packs, etc. On a pack they keep small items handy, such as sun lotion or snacks, hold your canteen, small stove or fuel bottle. One pair of pockets in each package complete with thread. Colors are Kelty Red and Olive Green. Sizes: Small, 2" x 5" x 5", 7" zipper, weight: 1½ oz. per pair. Large: 2¾" x 5½" x 7½", 9" zipper. Weight: 2 oz. per pair.

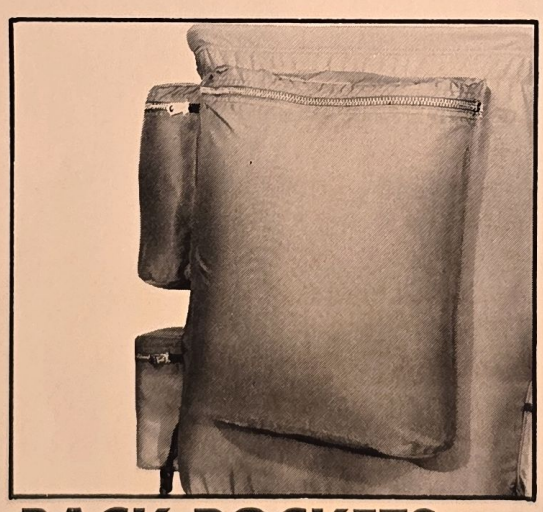
SUTTERS ORIGINAL CAMP SOAP

A bio-degradable liquid soap that works amazingly well in cold, hot, fresh or salt water. Excellent for any cleaning chore: pots, pans, clothes or you.

(Remember, though, not to discard waste water, even if bio-degradable, in any stream or lake.)

We suggest you recycle the bottle. It has a good tight sealing cap that makes it an ideal water bottle for bicycling or hiking.

Sutters is available in both a 4 oz. and 17 oz. size.



BACK POCKETS

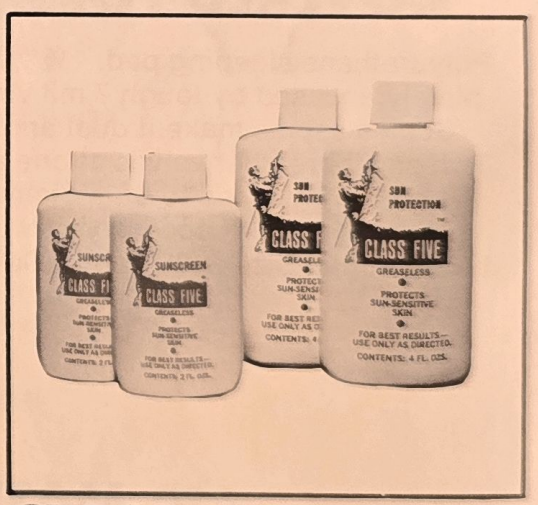
If you want to add extra capacity to the back of your pack and still maintain the narrow profile necessary for good pack balance, sew on a Kelty Back Pocket.

Each pocket comes complete with a bobbin of nylon thread.

Colors are Kelty Red and Olive Green.

Be sure to select the right size pocket for your pack. See below: Back pocket, regular: 12" zipper, 2" x 9" x 10", weight 1½ oz. (The 12" pocket fits any packbag model.)

Back pocket, BB5: 14" zipper, 2¾" x 11" x 14", weight 1¾ oz. **(The 14" pocket fits all B4 packbag models, but only the X-large A4 or D4 packbags.)**



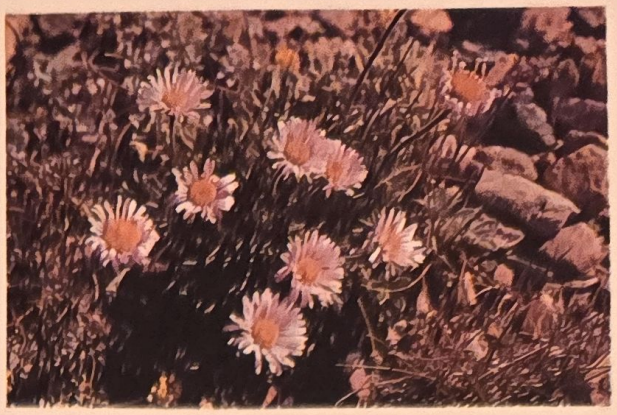
CLASS FIVE SUN SCREEN

Few things are as misery-causing as a bad sunburn. Protection is essential even on hazy or overcast days whether on snow, sand, water or rock.

We highly recommend Class Five for both the average and the sun-sensitive outdoors person. It's a clear, non-oily lotion that's easy to apply. Don't forget to use it on the backs of your hands and ears — two areas often overlooked until too late!

Class Five comes in a plastic bottle with a convenient valve cap. Two sizes: 2 oz. and 4 oz.

TUBE TENTS



POLYTENTS — This seamless translucent polyethylene tube provides a functional lightweight rain shelter for one person, or in the larger size, for two. Setting it up is as simple as tying a cord between two trees. It needs no pegs as your sleeping bag and body weight will hold it in place.

ONE-MAN SIZE: 9′ circumference, 9½ feet long, 3 mil thickness. Weight: 20 oz.

TWO-MAN SIZE: 12′ circumference, 10 feet long, 3½ mil thickness. Weight: 34 oz.

HOW TO USE TUBE TENTS

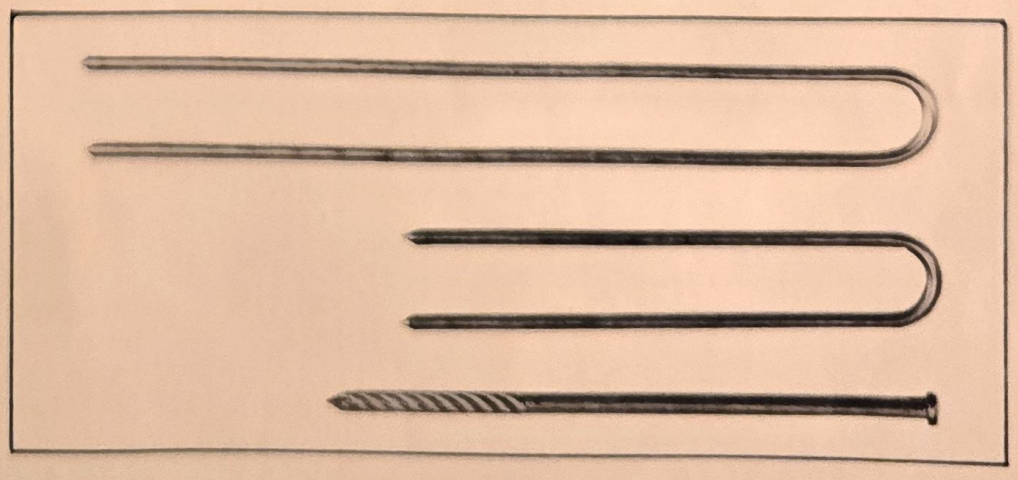
The advantage of backpacking with a tube tent is the way it lends itself to a variety of uses. Not only will these lightweight shelters protect you from the elements, but they can also aid you by being used as a ground sheet or rain cover for your equipment.

Setting up a tube tent is an easy task. To begin with, find a level area with tie points. If you can't find an area with two tie points you can always plant a stake at one end. Lay your tent out flat at a 45 degree angle to the wind. Next, pass your tent cord through and place a rock in each corner of the tent. Fasten your tent cord to the tie points approximately five feet off the ground to reduce sag. Secure tent to cord with either backpackers clips or clothes pins to prevent slipping. When it is windy, place two additional rocks along the inside center walls of the tent. Never completely seal your tent at both ends.

TENT CORD

A thousand-and-one uses for this popular item. One eighth inch, 550 lb. test braided nylon cord. 36 foot length. Weight: 2½ oz. Color: Bright Yellow.

TENT STAKES



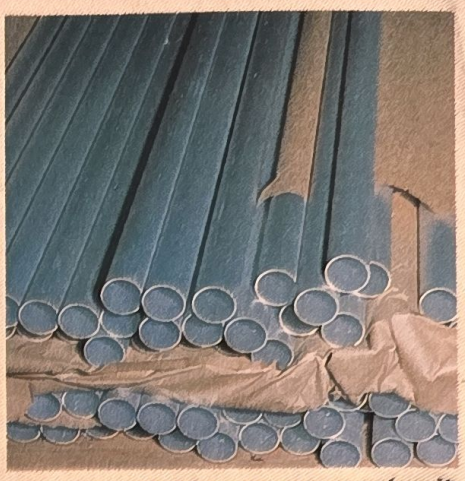
"U" TENT STAKES — Light and tough "U" shaped stakes made from ⅛" aluminum rod. Can be pounded back into shape if bent. Sizes: 6" length, 10" length. Weight: ⅝ oz., 1 oz.

SPIKE TENT STAKE — Aluminum spike with screw threaded tip for easier driving into hard ground. Size: 7" length. Weight: ½ oz.

BEFORE THE LABEL GOES ON . . .

These are a few of the elements that go into the making of a Kelty product.

TIG Welding.



Uncut aluminum tubing as we receive it.

Highly durable Kelty zippers.

Completed frames prior to final assembly.

Our sewing operation

demands highly skilled sewing machine operators.

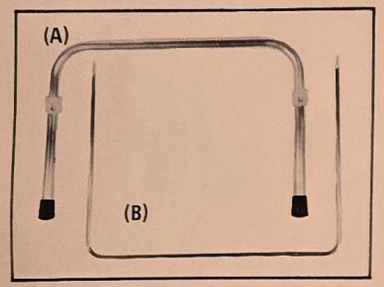
Bolts of fabric stacked before cutting.

"Hot cutting" with aluminum pattern.

Hand sealing the seams of our Foul Weather Suit.

Things don't end there . . . Not by any means! We are always looking for ways to improve our products. Sometimes those improvements come from suggestions you the consumer make. Our eyes and ears are open so we can provide you with the best backpacking equipment on the market.

PARTS AND ACCESSORIES



ADJUSTABLE FRAME (A) EXTENSION

Adjustable for either a 3″ or 6″ extension above the frame. Plastic end guides keep the Frame Extension snug in the high or low position, while the top clevis pins of the frame secure the Extension in position.

It is useful for carrying extra gear on the top of the packbag for extended trips, and is an excellent way to temporarily increase the capacity of your Kelty Pack without having to buy too large a bag for shorter backpack trips. Also makes a great grab handle.

The Frame Extension fits Kelty Standard and Massif Packframes only, not the Basic Packs. They are standard equipment on Massif Packframes . Two sizes:

Small/Medium 14½″ wide 5 oz.

Large/Extra Large 15½″ wide 5½ oz.

HOLD OPEN FRAME (B)

Tubular aluminum U-shaped frame maintains the pack profile, thereby keeping the load high and close.

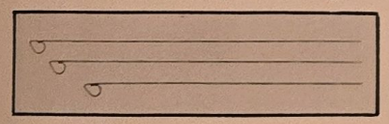
Weight: 2½ oz.

(Four sizes for Basic and Mountaineer Packbags.)

Small/Medium
Medium BB5
Large/Extra Large
Large/Extra Large BB5

(Two sizes for Serac and Tioga Packbags.)

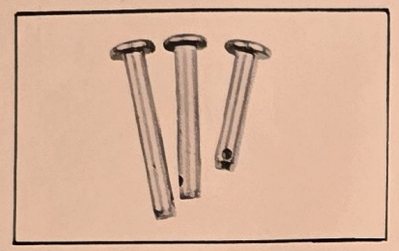
Serac or Tioga Medium
Serac or Tioga Large/Extra Large



PACKBAG ATTACHING WIRES

Stainless steel wires provide quick and reliable method of securing clevis pins. They are included with all packbags and complete packs.

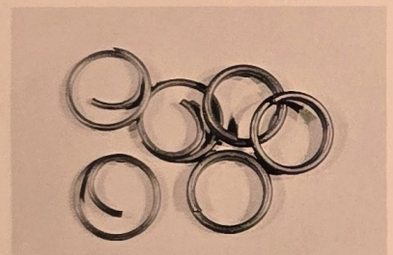
For Basic and Standard Packbags.
S(16″), M(17½″), L(19½″), XL(21½″)
For Tioga Packbags.
S(16½″), M(18″), L(21½″), XL(23½″)
For Serac.
M (26½″), L (29″), XL (30½″)



CLEVIS PINS

Heat treated aluminum pins for attaching the packbag, shoulder straps and waist strap to the frame.

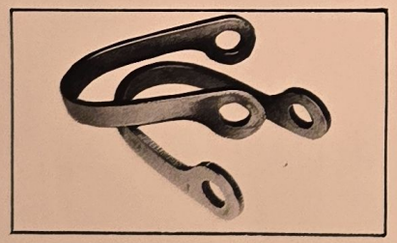
1⅛″ Attaches shoulder strap at top
2 oz. — pkg. of 10
1⅜″ Attaches packbag to frame
2 oz. — pkg. of 10
1 9/16″ Attaches waist strap and hold open frame
2 oz. — pkg. of 10



SPLIT RINGS

Stainless steel ring fits on the end of clevis pins.

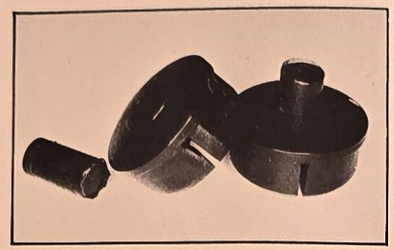
Regular Split Rings ¼ oz. — pkg. of 10
Hvy. Dty. Split Rings ½ oz. — pkg. of 10



ALUMINUM U-RINGS

Used with 1 9/16″ clevis pins to attach the lower shoulder strap and waist strap to the frame.

Weight: ½ oz.

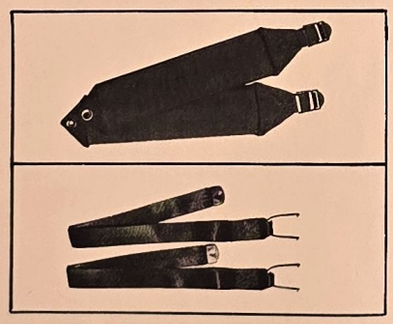


FRAME END PLUGS

Prevents damage to packframe ends and keeps dirt out of the tubing.

Top End Plugs — Flat plastic plug with locking peg insert
½ oz. — pair

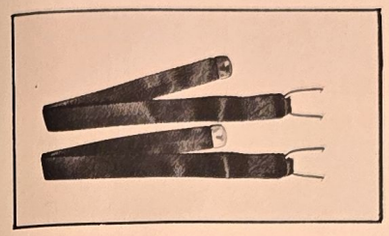
Bottom End Plugs — Oval plugs for frame bottom
½ oz. — pair



SHOULDER STRAPS — COMPLETE SET

Complete set of shoulder straps includes an upper padded portion, lower nylon straps and two U-rings. Upper pad is constructed of specially woven seamless tubular nylon and filled with a closed cell foam that will neither absorb sweat nor break down with use. Heavy duty spur grommet and bronze tabler buckles. Lower strap is heavy duty 1″ nylon webbing. Small, Medium, Large, Extra Large, Black.

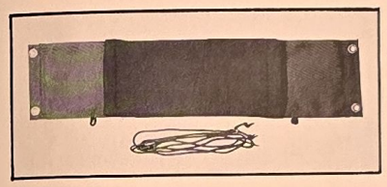
Weight: 6 oz.



LOWER SHOULDER STRAPS — ONLY

Replacement straps of heavy duty 1″ nylon webbing for Kelty Packs manufactured since February, 1971. Black. Small, Medium, Large, Extra Large.

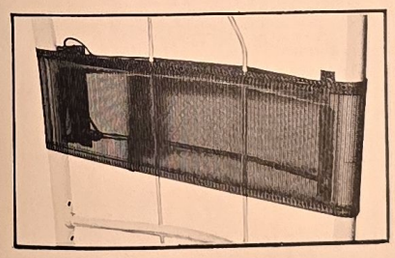
Weight: 1½ oz.



PADDED LOWER BACKBAND

Comfortable 5″ wide backband includes firm closed cell foam padding and a textured Cordura nylon cover to prevent pack slippage. INCLUDES BACKBAND TIE CORDS. Black. Two sizes are Small/Medium and Large/Extra Large.

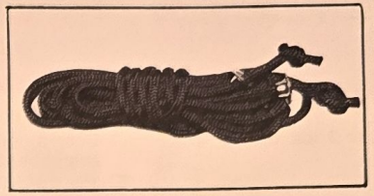
Weight: 4 oz.



MESH UPPER BACKBAND

Nylon mesh upper backband provides increased ventilation and, by varying tension on the band, a softer contact between you and the pack, 5″ wide. INCLUDES BACKBAND TIE CORDS. Black. Sizes are Small/Medium and Large/Extra Large.

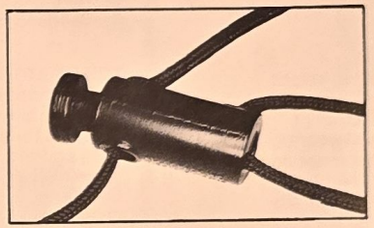
Weight: 2 oz.



BACKBAND TIE CORDS

Nylon tie cords with locking grommets. Tension adjustment is quick and simple. Black.

Weight: ½ oz.



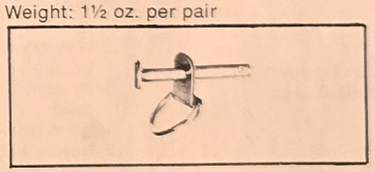
CORD LOCK SET (2)

Used to secure the packbag flap. To open packbag, release tension on the flap cord by depressing button. Complete with attaching loop. Furnished with all packbags.

HIP PADS

Fits 1½″ waist straps. Adds padding over your hip bones to reduce chafing caused by heavy loads. Vinyl coated poly-vinyl sponge.

Weight: 1½ oz. per pair



D-RING SET (4)

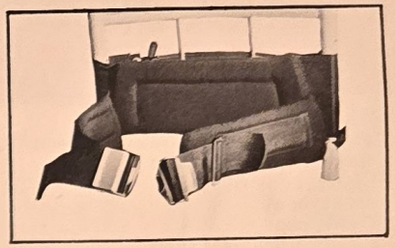
Each set includes one D-Ring and one 1 9/16″ clevis pin. Provides an outside lashing point for extra gear while the packbag is installed on the packframe.

Weight: 1 oz. per set

LASH STUD SET (4)

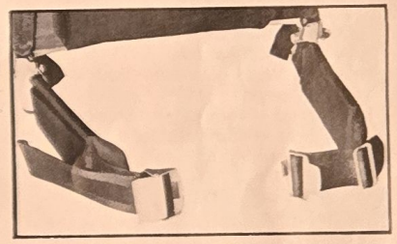
Each set consists of one stud, one 1 9/16″ clevis pin and one split ring. Use for lashing loads to your Kelty Packframe when the packbag is not installed. Each set provides four lash points.

Weight: ½ oz. per set



MASSIF TYPE WAIST BAND

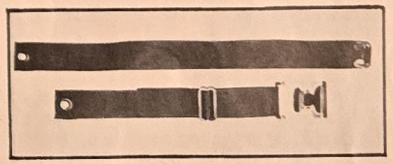
An accessory padded Waist Band System designed to fit Kelty Mountaineer and Basic packframes. Replaces both the waist strap and lower backband. Padded strap portion is 3″ wide. Similar to the strap on Tioga and Serac Packs, except for fit modification for the different packframes. Color is Olive Green with Black webbing. Includes cam-lock buckle and backband tie cords. Sizes are Small-Medium and Large-Extra Large.



MOUNTAINEER PADDED WAIST STRAP

An accessory or replacement Padded Waist Strap for Kelty Standard Mountaineer and Basic Packs. Identical to the strap on Mountaineer Packframes. Two inches wide. Includes cam-lock buckle. Color is Black. Sizes are Small/Medium and Large/Extra Large.

Weight: 9 oz.



BASIC WAIST STRAP

Heavy duty, 4000 lb. test 1½″ nylon web waist strap with free pivoting attachment to packframe. Quick, positive spring-loaded buckle. Waist strap can be adjusted easily while hiking.

BACKPACKERS CHECKLIST

The key to loading your pack is organization and thoughtful consideration of what your personal needs will be on the trail. The following checklist is designed only as a guideline to organizing your pack. This is a general list and we have suggested things we believe should be included on your journeys. We believe, as do others, that there are 10 basic items you should include on all your hikes; whether it is one day or three months. Always take with you a map of the area, compass, flashlight, sunglasses, extra food and water, extra clothing, waterproof matches, candle or fuel tablets, pocketknife and First Aid Kit.

FOOD PACK

- ☐ Freeze dried foods — Allow between 1½ to 2 lbs. of food per day per person.
- ☐ Nesting cook kit
- ☐ Plastic bowl
- ☐ Plastic cup
- ☐ Small backpackers stove — We strongly encourage you to use a stove when backpacking in those areas that do not provide an overabundance of dead and fallen trees. Dead wood is also an integral part of the ecosystem.
- ☐ Plastic garbage bags — pack it all out!

CLOTHING

- ☐ Boots — Recommended between 6'' and 8'' in height with lug soles.
- ☐ Socks — Wool socks or a synthetic like Olefin® (if you're allergic to wool) is the best. We suggest wearing two pairs of socks at one time, a lightweight inner and a heavy weight outer sock. We also suggest carrying extra socks in your pack so you will always have dry socks to wear when sleeping.
- ☐ Gloves or Mittens
- ☐ Hats — A broad brim for sun protection and a knit watch cap for warmth.
- ☐ Rain and Wind garments (Foul Weather Suit, Ponchos, Windstoppers)
- ☐ Underwear — thermal or fish net
- ☐ Outerwear — comfortable, durable clothing of personal preference.

OPTIONAL CLOTHING

- ☐ Down Parka
- ☐ Down Vest
- ☐ Down Booties
- ☐ Extra Clothing — All extra clothing depends on the location and season of your trip. Extra clothing may include wool pants, knickers, shorts, sweaters, shirts and T-shirts.

EMERGENCY KIT

- ☐ Extra food for one day
- ☐ First aid kit — Check for suggestions in your First Aid Book as to what should be in your kit or consult your doctor if you have a medical problem.
- ☐ Waterproof-Windproof matches
- ☐ Plastic whistle
- ☐ Candle
- ☐ Extra flashlight bulb and batteries (Alkaline)
- ☐ Safety pins
- ☐ Signaling device — We recommend you carry some kind of signaling device with you. There are a variety of emergency signaling devices on the market.
- ☐ Emergency first aid book
- ☐ Dime or Quarter

OPTIONAL EMERGENCY GEAR

- ☐ Emergency Space Blanket
- ☐ Snake bite kit
- ☐ Insect repellent
- ☐ Purification tablets — for use in areas where water may be polluted.
- ☐ Quick energy food — candy, chocolate, sugar.
- ☐ Paper and pencil
- ☐ Polyethylene tarp — A 3′ square black tarp for melting snow.

OPTIONAL FOOD PACK ITEMS

- ☐ Cooking grill — To be used only where there is an overabundance of wood to be burned.
- ☐ Pot grabber

POCKET NECESSITIES

- ☐ Pocket knife — The blade should be at least 3 inches long and made of quality steel.
- ☐ Compass — A liquid filled compass is preferable.
- ☐ Windproof-Waterproof matches.
- ☐ Time piece
- ☐ Bandana or handkerchief

TOILET ARTICLES

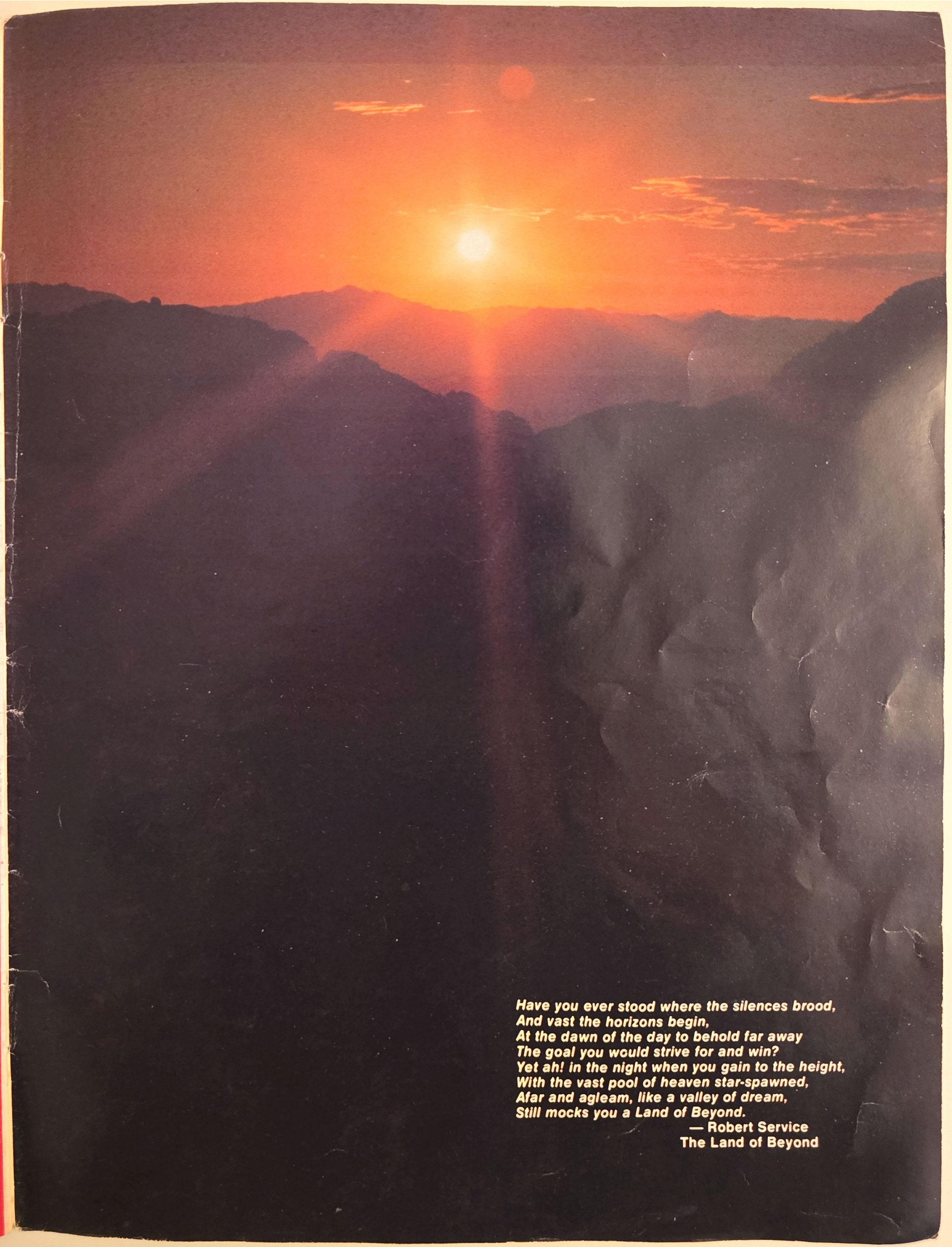
- ☐ Toilet paper
- ☐ Soap (biodegradable): Sutter's Camp Soap
- ☐ Small towel/washcloth — (An absorbent baby diaper is a good substitute for a towel. Diapers are lighter and smaller than terrycloth towels.)
- ☐ Toothbrush/toothpaste
- ☐ Handcream or moisture cream
- ☐ Lip protection (chapstick or moisture cream can be used)
- ☐ Sunburn protection: Class-Five sunscreen

PACK NECESSITIES

- ☐ Sleeping bag with stuff bag — We recommend a down or synthetic filled mummy style bag for heat efficiency, compressibility and least amount of weight.
- ☐ Sleeping pad— Ensolite polyurethane or foam pad. Ensolite and polyurethane provides the best insulation under cold conditions. Under warm conditions an air mattress can be used.
- ☐ Tube tent — A minimum size of 4′ x 8′. It can be used as a shelter and/or a ground sheet.
- ☐ Flashlight
- ☐ Map — Topographical
- ☐ Sunglasses — The wrap-around style is best on snow or at high altitudes.
- ☐ Water bottles — We suggest a wide mouth bottle. Easy to clean or use as a shaker.
- ☐ 36′ of nylon cord — We recommend at least 500 lb. test cord.
- ☐ Hand trowel
- ☐ Needle and thread
- ☐ Clothing/Extra clothing (see above)
- ☐ Emergency kit(see above)
- ☐ Food pack (see above)
- ☐ Toilet articles (see above)

OPTIONAL PACK GEAR

- ☐ Light wire — (#24 brass or copper) A flexible but strong wire for various kinds of repairs.
- ☐ Candle lantern
- ☐ Fish line and hooks
- ☐ Camera and film
- ☐ Binoculars
- ☐ Mirror — can be used as a signalling device.
- ☐ Extra waterproof adhesive tape — for temporarily mending torn down clothing or making quick repairs on other items.
- ☐ Backpackers clips or clothespins — uses include securing tube tent.



Have you ever stood where the silences brood,
And vast the horizons begin,
At the dawn of the day to behold far away
The goal you would strive for and win?
Yet ah! in the night when you gain to the height,
With the vast pool of heaven star-spawned,
Afar and agleam, like a valley of dream,
Still mocks you a Land of Beyond.

— Robert Service
The Land of Beyond

Mirror Lake, High Uintas, Utah

KELTY PACK, INC.

9281 Borden Avenue ● P.O. Box 639 ● Sun Valley, California 91352

KELTY

ASSEMBLY AND ADJUSTMENT OF YOUR KELTY PACK

Proper size selection and fitting are extremely important with any pack. When correctly adjusted, your Kelty Pack will provide you with comfortable stable load carrying capability.

The following describes how to open the hold open frame on your Kelty Pack (the method is the same for all models of Kelty Packs); the easiest way to put your pack on and adjust it; packbag care and packing tips.

ASSEMBLING THE PACKBAG HOLD OPEN FRAME

The hold open frame is easily assembled for pack usage or folded flat for convenient storage and shipping. Follow these steps *(Illustrations 1 through 8)*.

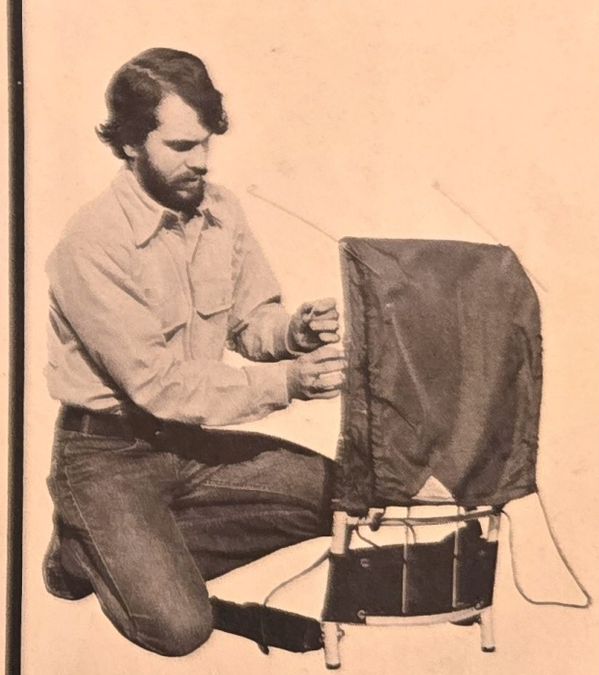
1. Untie packbag flap cords and pull open to full length through cord locks *(Illustration 2)*. Always squeeze cord locks while adjusting cords.
2. Remove right and left attaching wires which secure packbag to frame. Do not interchange or "ears" will not lie flat *(Illustration 3)*.
3. Remove only the second clevis pin (from the top) on each side of pack *(Illustration 4)*.

1 Pack with hold open frame folded flat.

2 Releasing the cord locks.

3 Removing the key wires.

4 Removing the hold open frame clevis pin.



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4. Pull the hold open frame up and away from the frame so that packbag assumes open position. Projecting ends of hold open frame must locate on outside of packframe *(Illustration 5)*.
5. Align holes of hold open frame with packframe and packbag holes; re-install clevis pins *(Illustration 6)*. (Note: these two pins are longer than others used to attach packbag to frame.)
6. Re-install packbag attaching wire *(Illustration 7)*.

FRAME EXTENSION

If your pack comes with a Frame Extension or you purchase one as an accessory, it may be raised or lowered as follows; Remove the upper clevis pins from the packframe, raise (or lower) the Extension until holes are aligned and reassemble. *Note: To remove top frame plugs tap the center locking peg through the plug. Remove both and retain for future use if desired.*

PACKBAG WEIGHT DISTRIBUTION

For normal trail hiking a high, compact forward concentrated load will be most comfortable. Pack heavy items such as food in the upper portion of your pack and close to your back. For rough terrain where greater stability is desired, pack the heavy items low. Your sleeping bag is usually carried below the packbag (or in the Serac's lower compartment).

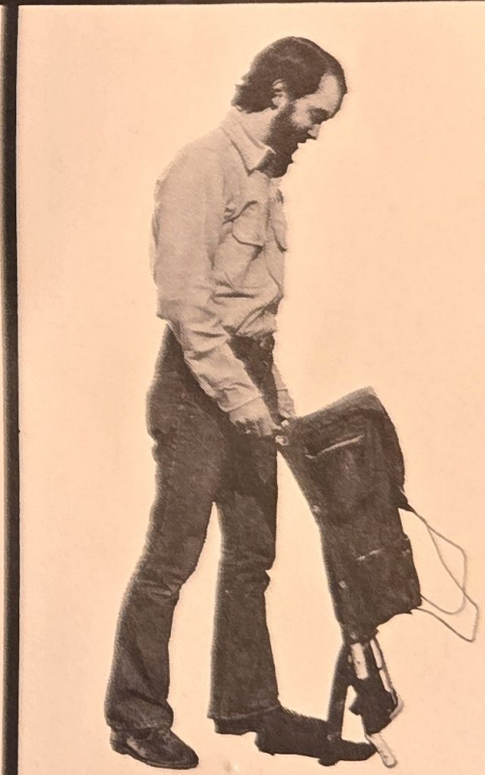
Tip: Items you will use first should go in the pack last or be carried in the side pockets.

5 Opening the hold open frame.

6 Re-inserting the clevis pin.

7 Replacing the key wire.

8 Pack with fully opened hold open frame.



PUTTING ON YOUR KELTY PACK

With a light or heavy load this is the easiest way to put your pack on *(Illustrations 9 through 12)*.

1. Place one foot slightly forward and directly in back of your pack. Grasp the shoulder straps firmly *(Illustration 9)*.
2. Lift the pack and rest it on your knee *(Illustration 10)*.
3. Slip one arm under shoulder strap and lift pack to shoulder *(Illustration 11)*.
4. Slide your other arm under the strap while pushing the pack across your back with your opposite arm *(Illustration 12)*.

PACKBAG CARE

Keep your pack away from fire or hot objects. Protect it from abrasion and hard or sharp camp gear, etc. When camped, remove food from packbag to avoid animal damage.

When necessary, packbags made of either coated or uncoated material may be dry cleaned. If your packbag is uncoated you may wish to have the dry cleaner re-proof the bag.

If you wish to process it yourself, wash with mild soap or detergent by hand in lukewarm water. RINSE THOROUGHLY. Replace bag while still wet on packframe and dry out of direct sunlight. If packbag is uncoated, spray it with a good water repellent.

ADJUSTMENT AND FITTING YOUR KELTY PACK

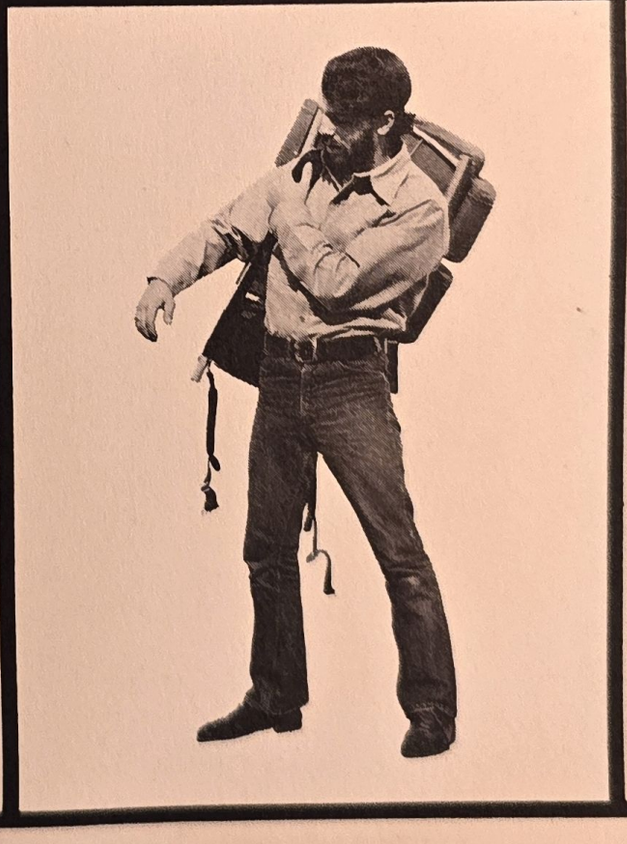
Your pack should be loaded with at least 20 pounds to obtain proper adjustment and fitting *(Illustrations 13 through 16)*.

1. Put on the pack with waist strap released. Adjust shoulder straps with the buckle at the bottom of the padded portion until the shoulder strap cross bar is level with the top of your shoulders *(Illustration 13 and 14)*. If you are wide or narrow shouldered the shoulder straps may also be placed in any of the three adjustment holes on the shoulder bar.

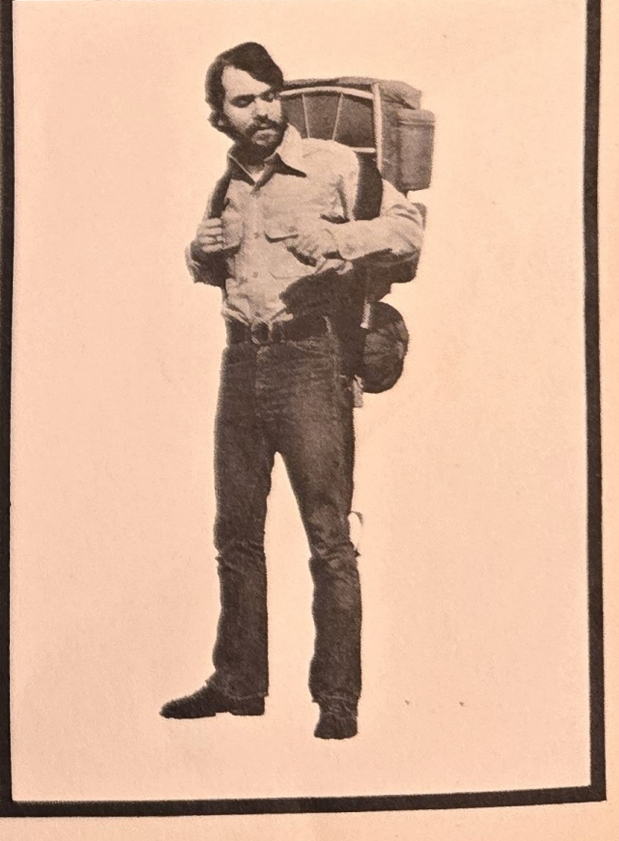
9 Grasping shoulder straps to lift pack.

10 Lifting pack to rest position on knee.

11 Slipping arm under shoulder strap.

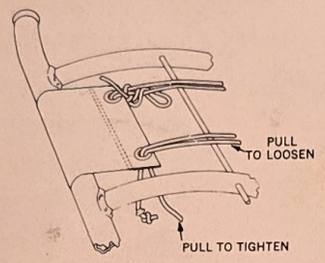


12 Sliding pack over other arm.



2. The shoulder straps should lead straight back to the shoulder bar — not downward *(Illustration 14)*.
3. The waist strap should approximately straddle the normal belt line *(Illustration 14)*.
4. Now "hunch" your shoulders just enough to lift the pack slightly; fasten waist strap buckle and tighten waist strap *(Illustration 15)*. Do not over-exaggerate, only a slight hunching of the shoulders is necessary to assure proper shifting of the pack weight from the shoulders to the hips. Now relax your shoulders and the pack weight will be supported by your hips *(Illustration 16)*. Note that the waist strap is angled upward slightly. You may experiment with this angle to find the most comfortable for you.

17 Tie cords are self locking: Pull loose end to tighten; pull cord corresponding to loose end to loosen.



BACKBAND ADJUSTMENT

The lower backband should be kept tight at all times. The upper backband should be kept tightened sufficiently to maintain clearance between the packframe and your back.

Tip: Frequently a slight loosening of the upper backband will improve weight distribution by moving the pack center of gravity closer to your back.

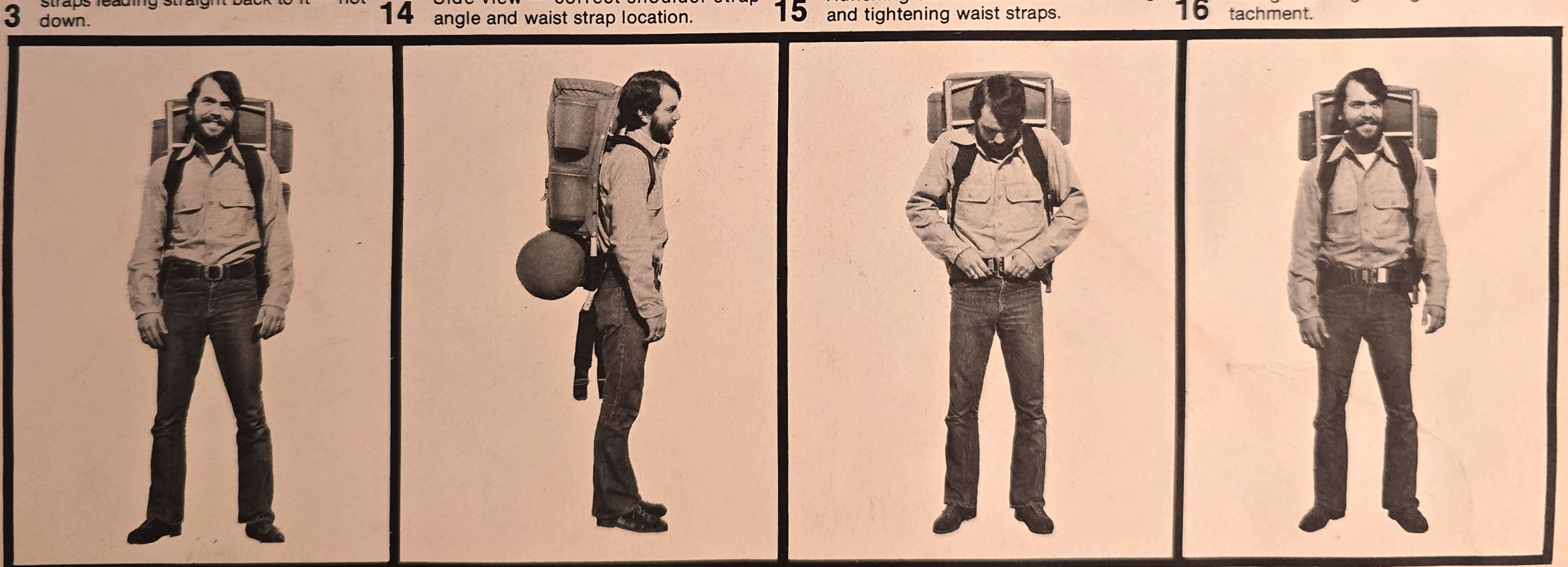
The backbands are adjusted by tie cords. *(See illustration 17).* For those who are long waisted or short waisted the lower backband and waist strap may be raised or lowered on all Kelty Packs except the Serac which may be lowered but not raised. This will vary the distance from shoulder straps to waist strap. Use your pack for a while before deciding if you need to make this kind of adjustment.

13 Correct pack position — note shoulder bar level with top of shoulders and straps leading straight back to it — not down.

14 Side view — correct shoulder strap angle and waist strap location.

15 Hunching shoulders while connecting and tightening waist straps.

16 Shoulders relaxed — pack is now positioned properly. Note waist strap rising at a slight angle from side attachment.



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